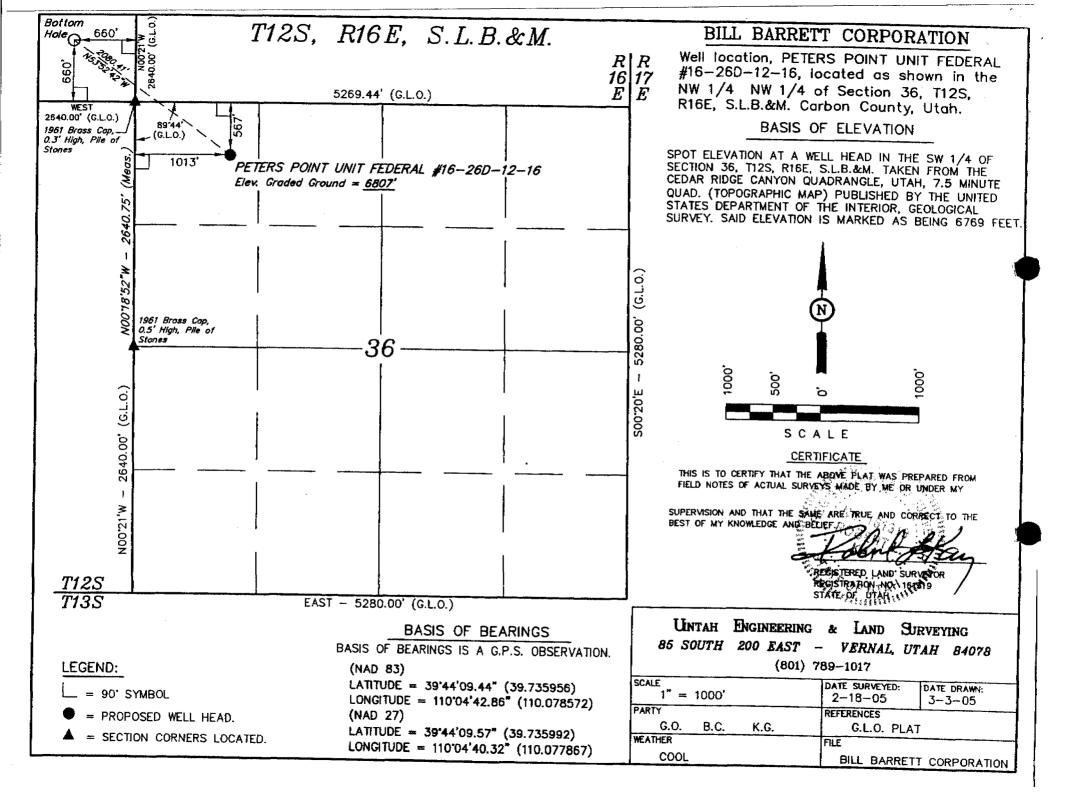
om 3160-3 April 2004)	BBC CONFIDENTIAL		OMB No.	PPROVED 1004-0137 arch 31, 200			
UNITED STATES DEPARTMENT OF THE IN BUREAU OF LAND MANA	NTERIOR GEMENT		5. Lease Serial No. UTU-0681				
0 1 APPLICATION FOR PERMIT TO E			6. If Indian, Allotee or Tribe Name n/a				
a. Type of work: DRILL REENTED	R		7 If Unit or CA Agree Peter's Point U	nit	me and No.		
b. Type of Well: Oil Well Gas Well Other	Single Zone Multip	le Zone	8. Lease Name and W Peters Point Ur		6-26D-12-16		
2. Name of Operator BILL BARRETT CORPORATION		_			07-30812		
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202	3b. Phone No. (include area code) (303) 312-8168		10. Field and Pool, or E  Peter's Point/M	-			
4. Location of Well (Report location clearly and in accordance with any At surface NWNW, 567' FNL, 1013' FWL At proposed prod. zone SESE, 660' FSL, 660' FEL (Sec. 26-			11. Sec., T. R. M. or Bl Section 36-T12		4		
At proposed prod. zone SESE, 600 FSE, 6			12. County or Parish Carbon		13. State UT		
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any)	operty or lease line, ft.				ing Unit dedicated to this well		
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.  2635' (BHL)	19. Proposed Depth 8500 MD	1	MBIA Bond No. on file				
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 6807' graded ground	22. Approximate date work will sta 07/13/2005	irt*	23. Estimated duratio 60 days	n			
	24. Attachments	44 - 1 4 41	in forms				
The following, completed in accordance with the requirements of Onsho  1. Well plat certified by a registered surveyor.  2. A Drilling Plan.  3. A Surface Use Plan (if the location is on National Forest System SUPO shall be filed with the appropriate Forest Service Office).	4. Bond to cover Item 20 above) 5. Operator certifi	the operation leation e specific int	ons unless covered by an formation and/or plans a				
25. Signature Lacy Fallany	Name (Printed/Typed) Tracey Fallang			Date <b>04</b> /	/01/2005		
Title Permit Analyst	`				RECEIV		
Approved by (Signature)	Name (Printed/Typed) BRADLEY G	. HILL	O <sup>C</sup>	Date 1	APR 0 4 20		
Title	ENVIRONMENTAL SC			D	IV. OF OIL, GAS &		
Application approval does not warrant or certify that the applicant hol conduct operations thereon. Conditions of approval, if any, are attached.				l entitle the	e applicant to		
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a States any false, fictitious or fraudulent statements or representations as	crime for any person knowingly and s to any matter within its jurisdiction.	willfully to	make to any department	or agenc	y of the United		
*(Instructions on nace 2)		_	all to the same				

Surl 579023X 4398647Y 39.735940 -110,017805 BHL 578506X 43990164 39.739312 -110.083793 Federal Approval of this Action is Necessary





April 1, 2005

Ms. Diana Whitney State of Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P.O. Box 145801 Salt Lake City, Utah 84114-5801

Directional Drilling R649-3-11 RE:

Peter's Point Unit Federal #16-26D-12-16 Surface: NWNW, 567' FNL, 1013' FWL

Bottom Hole: SESE, 660' FSL, 660' FEL, Sec. 26-T12S-R16E

Section 36, T12S-R16E Carbon County, Utah

Dear Ms. Whitney:

Pursuant to the filing of Bill Barrett Corporation's ("BBC") Application for Permit to Drill ("APD") regarding the above referenced well, we are hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to the "Exception to Location and Siting of Wells.

- The above-mentioned proposed location is within the Peter's Point Unit Area;
- BBC is permitting this well as a directional well in order to minimize surface disturbance;
- BBC hereby certifies that it is the sole working interest owner within 460 feet of the entire directional well bore and the S/2 of Section 26 (federal lease UTU 0681).

Based on the information provided, BBC requests that the permit be granted pursuant to R649-3-11. If you should have any questions or need further information, please contact me at 303-312-8168.

Sincerely,

RECEIVED

APR 0 4 2005

Jacus Fallany
Tracey Fallang

Permit Analyst

DIV. OF OIL, GAS & MINING

1099 18TH STREET SUITE 2300

DENVER, CO 80202

303.293,9100

303.291,0420



April 1, 2005

Mr. Eric Jones, Petroleum Engineer Bureau of Land Management Moab Field Office 82 East Dogwood Moab, Utah 84532

Applications for Permit to Drill - Bill Barrett Corporation RE:

Peter's Point Unit Federal #14-25D-12-16, NWNW, 571' FNL, 1028' FWL Peter's Point Unit Federal #16-26D-12-16, NWNW, 567' FNL, 1013' FWL Peter's Point Unit Federal #8-35D-12-16, NWNW, 563' FNL, 999' FWL Section 36, Township 12 South, Range 16 East, SLB&M, Carbon County, Utah

Dear Mr. Jones:

Bill Barrett Corporation respectfully submits the enclosed original and two copies of the Application for Permit to Drill (APD) for the above referenced wells.

Please accept this letter as BBC's written request for CONFIDENTIAL treatment of all information contained in and pertaining to this application. Thank you in advance for your timely consideration of this application. Please feel free to contact me at 303-312-8168 if you have any questions or need additional information.

Sincerely,

APR 0 4 2005

DIV. OF OIL, GAS & MINING

of Fallane

Permit Analyst

Enclosures

1099 18TH STREET SUITE 2300

DENVER, CO 80202

303.293.9100

303.291.0420

cc:

Bureau of Land Management Price Field Office 125 South 600 West Price, Utah 84078 Attention: Mr. Don Stephens

Utah Division of Oil, Gas and Mining 1594 West North Temple, Suite 1210 P. O. Box 145801 Salt Lake City, Utah 84114-5801 Attention: Ms. Diana Whitney

#### SURFACE USE PLAN

# BILL BARRETT CORPORATION Peter's Point Unit Federal #16-26D-12-16

NWNW, 567' FNL, 1013' FWL (Surface)
Section 36, T12S-R16E (Surface)
SESE, 660' FSL, 660' FEL (Bottom Hole)
Section 26, T12S-R16E (Bottom Hole)
Carbon County, Utah

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

#### 1. Existing Roads:

- A. The proposed well site is located approximately 50 miles southeast of Myton, Utah.
- B. Maps reflecting directions to the proposed well site have been included (See Topos A and B). As indicated on Topo B, BBC will use an existing road to access this location, no additional surface disturbance will be required.
- C. The use of roads under State and County Road Department maintenance is necessary to access the Peter's Point Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- D. All existing roads will be maintained and kept in good repair during all phases of operation.
- E. Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate with road and weather conditions.
- F. Since no improvements are anticipated to the State, County or BLM access roads, no topsoil stripping will occur.
- G. An off-lease federal Right-of-Way for the access road and utility corridor is not anticipated at this time since existing roads are being utilized into the Peters Point Unit area.
- 2. Planned Access Roads (see Existing Roads, 1B)

#### 3. <u>Location of Existing Wells:</u>

A. Following is a list of existing wells within a one-mile radius of the proposed well:

i.	water wells	none
ii.	injection wells	none
iii.	disposal wells	none
iv.	drilling wells	none
v.	temp shut-in wells	none
νi.	producing wells	two
vii.	abandoned wells	two
viii.	wells drilled, waiting on completion	none

#### 4. Location of Production Facilities:

- A. Some permanent structures/facilities will be shared between the existing Peter's Point Unit Federal #36-2 well, this well and the proposed additional two directional wells from this well pad. Each well will have its own meter run and separator. Pending the evaluation of completion operations, additional water and/or oil tanks may be added if necessary.
- B. All permanent structures will be painted a flat, non-reflective Olive Black to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (SHA) may be excluded.
- C. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- D. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162.7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- E. A tank battery will be constructed on this lease; it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbon production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- F. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- G. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- H. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- I. A gas pipeline is currently located on site. It is BBC's intention to either add an additional 4" steel pipeline or replace the existing pipeline with a steel line of up to 6" diameter. BBC requests to use the 40' utility corridor to facilitate the staging of this pipeline construction.
- J. BBC intends on installing the pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. BBC intends on connecting the pipeline together utilizing conventional welding technology.

#### 5. Location and Type of Water Supply:

A. Bill Barrett Corporation will utilize an existing water well located in Cottonwood Canyon on State Lands: Section 32-T12S-R16E; BBC was granted this authorization by SITLA Right of Entry #4534 (Water Right #90-1542) on August 21, 2002.

#### 6. Source of Construction Material;

- A. The use of materials will conform to 43 CFR 3610.2-3.
- B. No construction materials will be removed from BLM.
- C. If any gravel is used, it will be obtained for a state approved gravel pit.

## 7. Methods of Handling Waste Disposal:

- A. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- B. Drill cuttings will be contained and buried on site.
- C. The reserve pit will be located outboard of the location and along the north side of the pad.
- D. The reserve pit will be constructed so as not to leak, break or allow any discharge.
- E. The reserve pit will be lined with 12 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt-liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operations.
- F. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- G. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported or disposed of annually in association with the drilling, testing or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities will be used, produced, stored, transported or disposed of in association with the drilling, testing or completion of the well.
- H. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Carbon or Uintah County Landfill.

- I. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- J. After initial clean-up, a 400 barrel tank will be installed to contain produced waste water. After first production, produced wastewater will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. Thereafter, produced water will be trucked to R & I Disposal, a State approved disposal facility.
- K. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- L. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Price or Vernal Wastewater Treatment Facility in accordance with state and county regulations.

#### 8. Ancillary Facilities:

A. Garbage containers and portable toilets are the only ancillary facilities proposed in this application

#### 9. Well Site Layout:

- A. The well will be properly identified in accordance with 43 CFR 3162.6.
- B. Access to the well pad is from the south.
- C. The pad and road designs are consistent with BLM specifications.
- D. The pad has been staked at its maximum size of 385' x 160'; however, it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a Sundry Notice.
- E. All surface disturbing activities will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- F. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- G. Diversion ditches will be constructed, if necessary, around the well site to prevent surface waters from entering the well site area.
- H. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

- J. Pits will remain fenced until site cleanup.
- K. The blooie line will be located at least 100 feet from the well head.
- L. Water injection may be implemented if necessary to minimize the amount of fugitive dust.

# 10. Plan for Restoration of the Surface:

- A. Site reclamation for a producing well will be accomplished for portions of the site not required for the continued operation of the well.
- B. The operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate county extension office. On BLM administered land it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- C. Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours.
- D. The cut and fill slopes and all other disturbed areas not needed for the production operation will be top-soiled and revegetated. The stockpiled topsoil will be evenly distributed over the disturbed area.
- E. Prior to reseeding the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

### 11. Surface and Mineral Ownership:

- A. Surface ownership Federal under the management of the Bureau of Land Management Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3608.
- B. Mineral ownership Federal under the management of the Bureau of Land Management
   Price Field Office, 125 South 600 West, Price Utah 84078; (435) 636-3608.

#### 12. Other Information:

A. A cultural resource inventory had been previously conducted by Grand River Institute (GRI Report No. 2012). Cultural clearance was recommended for this well site and access.

- B. Our understanding of the results of the onsite inspection are:
  - i. No threatened and endangered flora and fauna species were found during the onsite inspection.
  - ii. No drainage crossings that required additional State or Federal approval are being crossed.
- 13. Operator's Representative and Certification:

Tracey Fallang, Fermit Analyst

mul.	Name	Office Phone
11116		(435) 722-3515 (303) 312-8168

#### Certification:

I hereby certify that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Bill Barrett Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

\_\_ Date: April 1, 2005

# **HAZARDOUS MATERIAL DECLARATION**

FOR WELL NO. PETER'S POINT UNIT FEDERAL #16-26D-12-16 LEASE NO. UTU 0681

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will not use, produce, or store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Super Amendments and Reauthorization Act (SARA) of 1986.

Bill Barrett Corporation guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport, or dispose less than the threshold planning quantity (TPQ) of any extremely hazardous substances as defined in 40 CFR 355.

#### DRILLING PROGRAM

# BILL BARRETT CORPORATION Peter's Point Unit Federal #16-26D-12-16

NWNW, 567' FNL, 1013' FWL (Surface)
Section 36, T12S-R16E (Surface)
SESE, 660' FSL, 660' FEL (Bottom Hole)
Section 26, T12S-R16E (Bottom Hole)
Carbon County, Utah

# 1-3. Estimated Tops of Geological Markers and Formations Expected to Contain Water, Oil and Gas and Other Minerals

Formation	Depth - MD	Depth-TVD
Green River	Surface	Surface
Wasatch	2982'	2880'
North Horn	5014'	4760'
Price River	6598'	6240'
Base of Upper PR	6833	6470'
Bluecastle	7979'	7605°
Approx TD	8500'	8100'

#### PROSPECTIVE PAY

Members of the Mesaverde formation are primary objectives for oil/gas and members of the Wasatch formation are secondary objectives.

## 4. <u>Casing Program</u> (Exhibit A attached)

		SETTING			'					
	<u>Hole</u>	DEPTH (MD)				Carala	Thread	Condition		
Purpose	Size	(FROM)	( <u>TO)</u>	O.D.	<u>Weight</u>	<u>Grade</u>	Inread	Continuon		
Surface	12 1/4"	Surface	1,000'	9 5/8"	36#	J or K 55	ST&C	New		
Production	7 7/8"	Surface	8,500'	5 ½"	17#	N-80	LT&C	New		

Note: Pending evaluation of anticipated stress on the production casing, BBC may use 5 ½", 20# P-110 LT&C production casing instead of the 17# N-80. Any substitute casing string shall have equivalent or greater collapse, tension and burst properties.

## 5. <u>Cementing Program (Exhibit B attached)</u>

Casing Type	Cement Type and Amount
9 5/8" Surface Casing	Lead with approximately 240 sx Halliburton Light Premium with additives mixed at 12.7 ppg (yield = 1.85 ft <sup>3</sup> /sx) and tail with approximately 170 sx Premium cement with additives mixed at 15.8 ppg (yield = 1.16 ft <sup>3</sup> /sx) circulated to surface with 100% excess.

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #16-26D-12-16 Carbon County, Utah

## Cementing Program Continued

5 1/2" Production Casing	Approximately 910 sx 50/50 Poz Premium cement with additives mixed at 13.4 ppg (yield = 1.491 ft <sup>3</sup> /sx). Top of cement to be determined by log and sample evaluation, estimated TOC 2500'
Note: Actual volumes to be calcu	lated from caliper log.

#### 6. Mud Program

Interval	Weight	Viscosity	Fluid Loss (API filtrate)	Remarks
0.40'	8.3 - 8.6	27 – 40	<b></b>	Native Spud Mud
40 – 1000'	8.3 – 8.6	27 - 40	15 cc or less	Native/Gel/Lime
1000 TD	8.6 – 9.5	38 – 46	15 cc or less	LSND/DAP

Note: Sufficient mud materials to maintain mud properties, control lost circulation and to contain "kicks" will be available at wellsite. If deviation problems and increased torque and drag occur, #2 diesel oil with ENVIRO-TORQ / EZ-GLIDE may be added for reduction and increased ROP.

# 7. BOP and Pressure Containment Data (Exhibit C attached)

Depth Intervals	BOP Equipment
0 – 1000'	No pressure control required
1000' – TD	11" 3000# Ram Type BOP
1000 .2	11" 3000# Annular BOP
- Drilling spool to	accommodate choke and kill lines;
مطم امسم	ska manifold to be rated @ 3000 psi:
Ancillary equipm	tent and choke manifold rated at 3,000#. All BOP and BOPE tests will be in
condense with t	the requirements of onshore Order No. 2;
- The BLM and St	ate of Utah, Division of Oil, Gas and Mining, will be notified 24 hours in
advance of all B	OP pressure tests.

#### 8. Auxiliary Equipment

- a) Upper kelly cock; lower Kelly cock will be installed while drilling
- b) Inside BOP or stab-in valve (available on rig floor)
- c) Safety valve(s) and subs to fit all string connections in use
- d) Mud monitoring will be visually observed

#### 9. Testing, Logging and Core Programs

Cores	None anticipated;
Testing	None anticipated; drill stem tests may be run on shows of interest;
Sampling	30' to 50' samples; surface casing to TD. Preserve samples all show intervals;
Surveys	Run every 1000' and on trips, slope only;
Logging	DIL-GR-SP, FDC-CNL-GR-CAL-Pe-Microlog, Sonic-GR, all TD to surface.
2.00.00	

Bill Barrett Corporation Drilling Program Peter's Point Unit Federal #16-26D-12-16 Carbon County, Utah

### 10. Anticipated Abnormal Pressures or Temperatures

No abnormal pressures or temperatures or other hazards are anticipated.

Maximum anticipated bottom hole pressure equals approximately 4199 psi\* and maximum anticipated surface pressure equals approximately 2329 psi\*\* (bottom hole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

\*Max Mud Wt x 0.052 x TD = A (bottom hole pressure)

#### 11. Drilling Schedule

Start Loc Construction:

Approximately July 13, 2005

Spud:

Approximately August 22, 2005

Duration:

25 days drilling time

35 days completion time

<sup>\*\*</sup>Maximum surface pressure =  $A - (0.22 \times TD)$ 

<sup>\*\*</sup>Directional plan attached as Exhibit D.

# **EXHIBIT A**

Well name

Utah: Nine Mile

Operator

Bill Barrett Surface

String type

Location

Uintah County, UT

Design	parameters:
Design	Dalameters.

Collapse

Mud weight:

9.50 ppg

Minimum design factors:

Collapse:

Design factor

1.125

1.00

Environment:

Cement top:

H2S considered? Surface temperature:

Bottom hole temperature:

Temperature gradient:

Minimum section length:

89 °F 1.40 °F/100ft

1,000 ft

Surface

No

75.00 °F

Burst:

Burst

Design is based on evacuated pipe.

Max anticipated surface pressure:

2,735 psi 0.22 psi/ft

Internal gradient: Calculated BHP

2,955 psi

Annular backup:

9.50 ppg

Tension:

Neutral point:

Design factor

1.80 (J) 8 Round STC: 1.80 (J) 8 Round LTC: Buttress:

Premium: Body yield:

Tension is based on buoyed weight. 859 ft

1.80 (J) 1.80 (J) 1.80 (B)

Re subsequent strings: Next setting depth:

Next mud weight: Next setting BHP: Fracture mud wt: Fracture depth: Injection pressure

Non-directional string.

10.000 ft 9.500 ppg

4,935 psi 10.000 ppg 10,000 ft 5,195 psi

Drift internal True Vert Measured End Segment Nominal Run Diameter Capacity Depth Grade Finish Depth Weight Length Size Seq (ft³) (in) (ft) (ft) (lbs/ft) (in) (ft) 71.2 8,796 1000 ST&C 1000 J/K-55 9.625 36.00 1000 1 Tension Tension Tension Burst Collapse Burst Burst Collapse Collapse Run Strength Design Design Load Strength Design Load Strength Seq Load (Kips) Factor Factor (Kips) (psi) (psi) (psi) Factor (psi) 14.64 J 453 31 3520 1.29 4.094 2735 493 2020 1

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Remarks

100

Collapse is based on a vertical depth of 1000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name

Bill Barrett

Operator: String type:

Production

Uintah County, UT

Design is based on evacuated pipe.

Design parameters:

<u>Collapse</u>

Mud weight:

9.50 ppg

Minimum design factors:

Utah: Nine Mile

Collapse:

Design factor

1.125

**Environment:** 

H2S considered? Surface temperature:

Bottom hole temperature: Temperature gradient:

Minimum section length:

Νo 75.00 °F 215 °F

1.40 °F/100ft 1,500 ft

Burst: Design factor

1.00

Cement top:

2,500 ft

Burst

Max anticipated surface

pressure:

4,705 psi 0.02 psi/ft

Internal gradient: Calculated BHP

Annular backup:

4,935 psi

9.50 ppg

Tension: 8 Round STC: 8 Round LTC:

Buttress:

Premium:

Body yield:

1.80 (B)

1.80 (J)

1.80 (J)

1.80 (J)

1.80 (J)

Tension is based on buoyed weight. 8,559 ft Neutral point:

Non-directional string.

Run Seq	Segment Length (ft) 10000	\$ize (in) 5.5	Nominal Weight (lbs/ft) 17.00	Grade N-80	End Finish LT&C	True Vert Depth (ft) 10000	Measured Depth (ft) 10000	Drift Diameter (in) 4.767	Capacity (ft³) 344.6
Run Seq	Collapse Load (psi) 4935	Collapse Strength (psi) 6290	Collapse Design Factor 1.275	Burst Load (psi) 4705	Burst Strength (psi) 7740	Burst Design Factor 1.65	Tension Load (Kips) 146	Tension Strength (Kips) 348	Tension Design Factor 2.39 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date: August 1,2003 Denver, Colorado

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

# EXHIBIT B

# NINE MILE CEMENT VOLUMES

Well Name:

Peter's Point Unit Federal #16-26D-12-16

#### Surface Hole Data:

Total Depth:	1,000'
Top of Cement:	0'
OD of Hole:	12.250"
OD of Casing:	9.625"

#### Calculated Data:

Lead Volume:	219.2	ft <sup>3</sup>
Lead Fill:	700'	
Tail Volume:	94.0	ft <sup>3</sup>
Tail Fill:	300'	

#### Cement Data:

Lead Yield:	1.85	ft <sup>3</sup> / sk
Tail Yield:	1.16	ft <sup>3</sup> /sk
% Excess:	100%	

#### Calculated # of Sacks:

 # SK's Lead:	
# SK's Tail:	

#### Production Hole Data:

8,500	Total Depth:
2,500	Top of Cement:
7.875"	OD of Hole:
5.500"	OD of Casing:

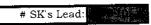
#### Calculated Data:

Lead Volume:	1039.5	ft <sup>3</sup>
Lead Fill:	6,000	

#### Cement Data:

Lead Yield:	1.49	ft <sup>3</sup> /sk
% Excess:	30%	

#### Calculated # of Sacks:



# Peter's Point Unit Federal #16-26D-12-16 Proposed Cementing Program

Job Recommendation		Su	rface Casing	
Lead Cement - (700' - 0')				
Halliburton Light Premium	Fluid Weight:	12.7	lbm/gal	
2.0% Calcium Chloride	Slurry Yield:	1.85	ft <sup>3</sup> /sk	
0.125 lbm/sk Ploy-E-Flake	Total Mixing Fluid:	9.9	Gal/sk	
	Top of Fluid:	O'		
	Calculated Fill:	700'		
	Volume:	78.09	bbl	
	Proposed Sacks:	240	sks	
Tail Cement - (1000' - 700')				
Premium Cement	Fluid Weight:	15.8	lbm/gal	
94 lbm/sk Premium Cement	Slurry Yield:	1.16	ft <sup>3</sup> /sk	
2.0% Calcium Chloride	Total Mixing Fluid:	4.97	Gal/sk	
0.125 lbm/sk Ploy-E-Flake	Top of Fluid:	700'		
· ·	Calculated Fill:	300'		
	Volume:	33.47	bbl	
	Proposed Sacks:	170	sks	

Job Recommendation		Produc	tion Casing
Lead Cement - (8500' - 2500')			
50/50 Poz Premium	Fluid Weight:		lbm/gal
3.0 % KCL	Slurry Yield:	1.49	ft <sup>3</sup> /sk
0.75% Halad®-322	Total Mixing Fluid:		
3.0 lbm/sk Silicalite Compacted	Top of Fluid:	2,500'	
0.2% FWCA	Calculated Fill:	6,000'	
0.125 lbm/sk Poly-E-Flake	Volume:	240.67	bbl
1.0 lbm/sk Granulite TR 1/4	Proposed Sacks:	910	sks

# **EXHIBIT C**

# BOP AND PRESSURE CONTAINMENT DATA

- A. Type: Eleven (11) Inch Double Gate Hydraulic BOP with Eleven (11) Inch Annular Preventer. The blow out preventer will be equipped as follows:
  - 1. One (1) blind ram (above).

2. One (1) pipe ram (below).

- 3. Drilling spool with two (2) side outlets (choke side 3-inch minimum, kill side 2-inch minimum).
- 4. 3-inch diameter choke line.
- 5. Two (2) choke line valves (3-inch minimum).
- 6. Kill line (2-inch minimum).

7. Two (2) chokes.

- 8. Two (2) kill line valves, one of which shall be a check valve (2-inch minimum).
- 9. Upper kelly cock valve with handles available.
- 10. Safety valve(s) & subs to fit all drill string connections in use.
- 11. Pressure gauge on choke manifold.
- 12. Fill-up line above the uppermost preventer.
- B. Pressure Rating: 3,000 psi

### C. Testing Procedure:

#### Annular Preventer

At a minimum, the Annular Preventer will be pressure tested to 50% of the rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum the above pressure test will be performed:

- 1. When the annular preventer is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition, the Annular Preventer will be functionally operated at least weekly.

#### Blow-Out Preventer

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug).

# BOP AND PRESSURE CONTAINMENT DATA

Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

- 1. When the BOP is initially installed;
- 2. Whenever any seal subject to test pressure is broken;
- 3. Following related repairs; and
- 4. At thirty (30) day intervals.

In addition the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

## D. Choke Manifold Equipment:

All choke lines will be straight lines unless turns use tee blocks or are targeted with running tees, and will be anchored to prevent whip and vibration.

#### E. Accumulator:

The accumulator will have sufficient capacity to open the hydraulically-controlled choke line valve (if so equipped), close all rams plus the annular preventer, and retain a minimum of 200 psi above precharge on the closing manifold without the use of closing unit pumps. The fluid reservoir capacity will be double the usable fluid volume of the accumulator system capacity and the fluid level of the reservoir will be maintained at the manufacturer's recommendations.

The BOP system will have two (2) independent power sources to close the preventers. Nitrogen bottles (3 minimum) will be one (1) of these independent power sources and will maintain a charge equal to the manufacturer's specifications.

The accumulator precharge pressure test will be conducted prior to connecting the closing unit to the BOP stack and at least once every six (6) months thereafter. The accumulator pressure will be corrected if the measured precharge pressure is found to be above or below the maximum or minimum limits specified in the Onshore Oil & Gas Order Number 2.

A manual locking device (i.e. hand wheels) or automatic locking device will be installed on all systems of 2M or greater. A valve will be installed in the closing line as close as possible to the annular preventer to act as a locking device. This valve will be maintained in the open position and will be closed only when the power source for the accumulator is inoperative.

# BOP AND PRESSURE CONTAINMENT DATA

Remote controls shall be readily accessible to the driller. Remote controls for all 3M or greater systems will be capable of closing all preventers. Remote controls for 5M or greater systems will be capable of both opening and closing all preventers. Master controls will be at the accumulator and will be capable of opening and closing all preventers and the choke line valve (if so equipped).

# F. Miscellaneous Information:

The Blow-Out Preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*. The choke manifold and BOP extension rods with hand wheels will be located outside the rig sub-structure. The hydraulic BOP closing unit will be located at least twenty-five (25) feet from the well head but readily accessible to the driller. Exact locations and configurations of the hydraulic BOP closing unit will depend upon the particular rig contracted to drill this hole.

A flare line will be installed after the choke manifold, extending 125 feet (minimum) from the center of the drill hole to a separate flare pit.

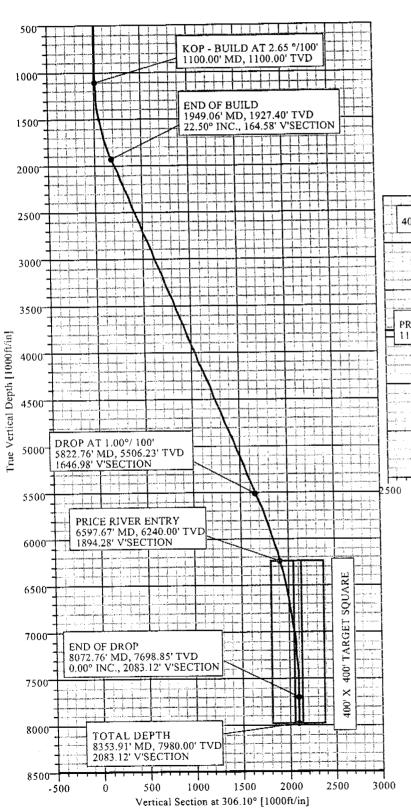
# **EXHIBIT D**

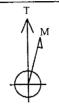


#### Bill Barrett Corporation

PETER'S POINT UF #16-26D-12-16 SEC 36 T12S R16E 567' FNL, 1013' FWL CARBON COUNTY, UTAH

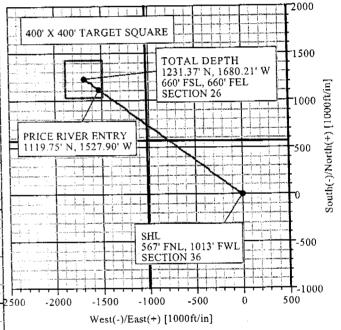
SECTION DETAILS										
Sec	MD	Inc	Azi	T√D	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1 2 3 4 5 6	0.00 1100.00 1949.06 5822.76 8072.76 8353.91	0.00 0.00 22.50 22.50 0.00 0.00	306.24 306.24 306.24 306.24 306.24 306.24	0.00 1100.00 1927.40 5506.23 7698.85 7980.00	0.00 0.00 97.29 973.56 1231.37 1231.37	0.00 0.00 -132.75 -1328.43 -1680.21 -1680.21	0.00 0.00 2.65 0.00 1.00 0.00	0.00 306.24 -53.76 0.00 180.00 306.24	0.00 0.00 164.58 1646.98 2083.12 2083.12	KOP EOB DROP EOD TD





Azimuths to True North Magnetic North: 12.11°

> Magnetic Field Strength: 52758nT Dip Angle: 65.71° Date: 3/31/2005 Model: bggm2004





DRILLING & EVALUATION SERVICES

COMPANY:

BILL BARRETT CORP

WELL NAME: LOCATION: PETER'S POINT UF #16-26D-12-16 CARBON COUNTY, UTAH

FILE: PROPOSAL/COMPLETION:

PROPOSAL MARCH 31, 2005

DATE: PREPARED BY:

**RDW** 

DRAFT



# PROPOSAL

**FOR** 

# **BILL BARRETT CORP.**

# PETER'S POINT UNIT FEDERAL #16-26D-12-16

FROM SURFACE LOCATION:

CARBON COUNTY, UTAH

WELL FILE: DRAFT

March 30, 2005

PRECISION ENERGY SERVICES USA, INC. DRILLING & EVALUATION 7090 Barton Drive Casper, Wyoming 82604 Phone: (307) 577-8875 Fax: (307) 577-9182

#### PRECISION ENERGY SERVICES

Page : 1 of 3 Client : BILL BARRETT CORP. Date: 3/30/2005 Well Name : PETER'S POINT UNIT FEDERAL #16-26D-12-16 File : DRAFT

Location : CARBON COUNTY, UTAH

#### Gr Elevation: 6807.00 KB Elevation : N/A Vertical Section Calculated Along Azimuth 306.24°

All Bearings Are Along True North

WIT DOGITINGS									
ME	<b>*</b>	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
MD	Inc	deg	ft	ft	ft	ft	°/100	°/100	°/100
ft	deg	aeg	KOP -		2.65 °/100'				
1300 00	0.00	306.24	1100.00	0.00	0.00	0.00	0.00	0.00	0.00
1100.00	2.65	306.24	1199.96	1.37	-1.86	2.31	2.65	2.65	0.00
1200.00	5.30	306.24	1299.71	5.46	-7.46	9.24	2.65	2.65	0.00
1300.00 1400.00	7.95	306.24	1399.04	12.28	-16.76	20.78	2.65	2.65	0.00
	10.60	306.24	1497.72	21.81	-29.76	36.90	2.65	2.65	0.00
1500.00	10.00	300.24	1157.75	<del></del> · ·					
1600 00	13.25	306.24	1595.56	34.02	-46.42	57.56	2.65	2.65	0.00
1600.00 1700.00	15.23	306.24	1692.33	48.90	-66.72	82.72	2.65	2.65	0.00
1800.00	18.55	306.24	1787.83	66.40	-90.60	112.33	2,65	2.65	0.00
1900.00	21.20	306.24	1881.87	86.49	-118.02	146.32	2.65	2.65	0.00
1900.00	21.20	300.24	1001.07	END OF E					
1949.06	22.50	306.24	1927.40	97.29	-132.75	164.58	2.65	2.65	0.00
2000.00	22.50	306.24	1974.47	108.81	-148.47	184.08	0.00	0.00	0.00
2100.00	22.50	306.24	2066.86	131.43	-179.34	222.34	0.00	0.00	0.00
2200.00	22.50	306.24	2159.24	154.05	-210.21	260.61	0.00	0.00	0.00
2300.00		306.24	2251.63	176.67	-241.07	298.88	0.00	0.00	0.00
2300.00	22.50	300.24	2251.05	1,0,0					
2400.00	22.50	306.24	2344.02	199.30	-271.94	337.15	0.00	0.00	0.00
2500.00	22.50	306.24	2436.41	221.92	-302.81	375.42	0.00	0.00	0.00
	22.50	306.24	2528.79	244.54	-333.67	413.69	0.00	0.00	0.00
2600.00	22.50	306.24	2621.18	267.16	-364.54	451.95	0.00	0.00	0.00
2700.00	22.50	306.24	2713.57		-395.41	490.22	0.00	0.00	0.00
2800.00	22.50	300.24	2/13.5/	2021,0					
2900.00	22,50	306.24	2805.96	312.40	-426.27	528.49	0.00	0.00	0.00
3000.00	22.50	306.24	2898.35		-457.14	566.76	0.00	0.00	0.00
3100.00	22.50	306.24	2990.73		-488.01	605.03	0.00	0.00	0.00
3200.00	22.50	306.24	3083.12		-518.87	643.30	0.00	0.00	0.00
3300.00	22.50	306.24	3175.51			681.56	0.00	0.00	0.00
3300.00	22.50	300.21	31/3171						
3400.00	22.50	306.24	3267.90	425.51	-580.61	719.83	0.00	0.00	
3500.00	22.50	306.24	3360.29			758.10	0.00	0.00	0.00
3500.00	22.50	306.24	3452.67			796.37	0.00	0.00	0.00
3700.00	22.50					834.64	0.00	0.00	0.00
3800.00						872.91		0.00	0.00
3800.00	22.50	300.24	5057.12						
3900.00	22.50	306.24	3729.84	538.61	-734.94	911.17	0.00	0.00	0.00
4000.00						949.44	0.00	0.00	0.00
4100.00						987.71		0.00	0.00
4200.00						1025.98		0.0	0.00
4200.00						1064.25		0.0	0.00
43UU.UU	۷۷.۵۷	J V V 1 Z T							
4400.00	22.50	306.24	4191.78	3 651.72	-889.27	1102.52	0.00	0.0	
4500.00						1140.78		0.0	0.00
4500.00						1179.05		0.0	0.00
4600.00	. 44.50	, 500.24	. 15,015.						

#### PRECISION ENERGY SERVICES

Client : BILL BARRETT CORP.

Page : 2 of 3 Date: 3/30/2005 Well Name : PETER'S POINT UNIT FEDERAL #16-26D-12-16

File : DRAFT Location : CARBON COUNTY, UTAH

Gr Elevation: 6807.00 KB Elevation : N/A Vertical Section Calculated Along Azimuth 306.24° All Bearings Are Along True North

All Bearings Are Along True Noton									
			777 775	North	East	V'Sect	D'Leg	Build	Turn
MD	Inc	Azi	TVD	ft	ft	ft			/100
ft	deg	deg	£t		-981.87	1217.32	0.00	0.00	0.00
4700.00	22.50	306.24	4468.94	719.58	-1012.74	1255.59	0.00	0.00	0.00
4800.00	22.50	306.24	4561.33	742.20	-1012.74	1233.33	0.00	• • • •	
	00 50	306.24	4653.72	764.82	-1043.61	1293.86	0.00	0.00	0.00
4900.00	22.50	306.24	4746.11	787.45	-1074.47	1332.13	0.00	0.00	0.00
5000.00	22.50	306.24	4838.49	810.07	-1105.34	1370.39	0.00	0.00	0.00
5100.00	22.50	306.24	4930.88	832.69	-1136.21	1408.66	0.00	0.00	0.00
5200.00	22.50	306.24	5023.27	855.31	-1167.07	1446.93	0.00	0.00	0.00
5300.00	22.50	306.24	5025.27	055.01					
5400.00	22.50	306.24	5115.66	877.93	-1197.94	1485.20	0.00	0.00	0.00
5500.00	22.50	306.24	5208.05	900.55	-1228.80	1523.47	0.00	0.00	0.00
5600.00	22.50	306.24	5300.43	923.17	-1259.67	1561.74	0.00	0.00	0.00
5700.00	22.50	306.24	5392.82	945.79	-1290.54	1600.00	0.00	0.00	0.00
5800.00	22.50	306.24	5485.21	968.41	-1321.40	1638.27	0.00	0.00	0.00
5600.00	22.50	500.21		ROP AT 1	°/100'				
5822.76	22.50	306.24	5506.23	973.56	-1328.43	1646.98	0.00	0.00	0.00
5900.00	21.73	306.24	5577.79	990.75	<b>-1</b> 351.88	1676.06	1.00	-1.00	0.00
6000.00	20.73	306.24	5671.01	1012.15	-1381.09	1712.27	1.00	-1.00	0.00
6100.00	19.73	306.24	5764.84	1032.59	-1408.97	1746.84	1.00	-1.00	0.00
6200.00	18.73	306.24	5859.26	1052.06	-1435.54	1779.77	1.00	-1.00	0.00
6200.00	70.75	300.24	3033.24						
6300.00	17.73	306.24	5954.24	1070.55	-1460.77	1811.05	1.00	-1.00	0.00
6400.00	16.73	306.24	6049.75	1088.05	-1484.65	1840.67	1.00	-1.00	0.00
6500.00	15.73	306.24	6145.77	1104.57	-1507.19	1868.61	1.00	-1.00	0.00
0300.00	10.			PRICE R					
6597.67	14.75	306.24	6240.00	1119.75	-1527.90	1894.28	1.00	-1.00	0.00
6600.00	14.73	306.24	6242.26	1120.10	-1528.38	1894.88	1.00	-1.00	0.00
6700.00	13.73	306.24	6339.19	1134.63	-1548.20	1919.45	1.00	-1.00	0.00
6800.00	12.73	306.24	6436.53	1148.15	-1566.66	1942.34		-1.00	0.00
6900.00	11.73	306.24	6534.26	1160.67	-1583.74	1963.52	1.00	-1.00	0.00
3304111			•						0 00
7000.00	10.73	306.24	6632.35	1172.18	-1599.44			-1.00	
7100.00	9.73	306.24	6730.76	1182.68	-1613.77	2000.74			0.00
7200.00	8.73	306.24	6829.46	1192.16	-1626.70			-1.00	0.00
7300.00	7.73		6928.43	1200.61	-1638.24			-1.00	0.00
7400.00				1208.05	-1648.39	2043.67	1.00	-1.00	0.00
						_		1 00	0.00
7500.00	5.73	306.24	7127.05	1214.46	-1657.14			-1.00	
7600.00			7226.63	1219.85					
7700.00			7326.35	1224.21					
7800.00			7426.19	1227.54					
7900.00			7526.12	1229.83	-1678.11	. 2080.52	1.00	-1.00	0.00
8000.00		306.24	7626.09	1231.10	-1679.84	2082.66	5 1.00	-1.00	0.00

# PRECISION ENERGY SERVICES

Client : BILL BARRETT CORP.

Well Name : PETER'S POINT UNIT FEDERAL #16-26D-12-16

Page : 3 of 3 Date: 3/30/2005

File : DRAFT

Location : CARBON COUNTY, UTAH

KB Elevation : N/A

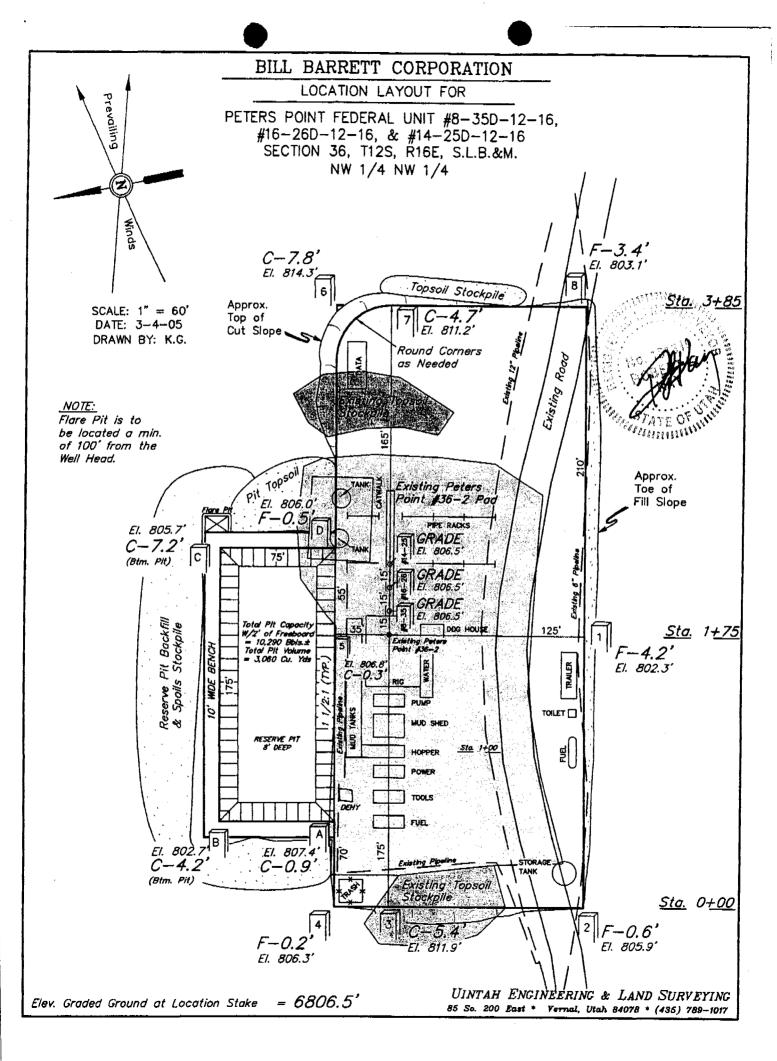
Gr Elevation: 6807.00

Vertical Section Calculated Along Azimuth 306.24°

All Bearings Are Along True North

MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg °/100	Build °/100	Turn °/100
END OF DROP 1 2002 12 1 00 -1 00 0.00									
		206 24	7698.85	1231.37	-1680.21	2083.12	1.00	-1.00	•
8072.76	0.00	306.24			-1680.21	2083.12	0.00	0.00	0.00
8100.00	0.00	306.24	7726.09	1231.37			0.00	0.00	0.00
8200.00	0.00	306.24	7826.09	1231.37	-1680.21	2083.12	•		= '
	=		7926.09	1231.37	-1680.21	2083.12	0.00	0.00	0.00
8300.00	0.00	306.24	1920.00	TOTAL D	EPTH		0.00	0.00	0.00
8353.91	0.00	306.24	7980.00	1231.37	-1680.21	2083.12	0.00	0.00	0.00

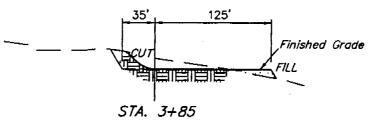
Bottom Hole Closure 2083.12ft Along Azimuth 306.24°

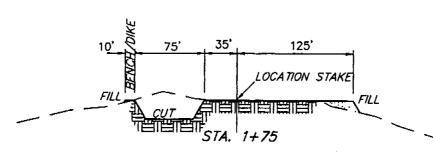


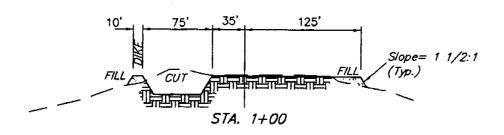
# BILL BARRETT CORPORATION TYPICAL CROSS SECTIONS FOR 5 X-Section Ш Scale 1" = 100'DATE: 3-4-05 DRAWN BY: K.G.

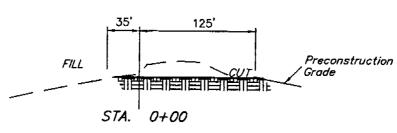
PETERS POINT FEDERAL UNIT #8-35D-12-16, #16-26D-12-16, & #14-25D-12-16 SECTION 36, T12S, R16E, S.L.B.&M. NW 1/4 NW 1/4











## APPROXIMATE YARDAGES

CUT (6") Topsoil Stripping (New Construction Only)

790 Cu. Yds.

Remaining Location

NOTE:

Topsoil should not be

Stripped Below Finished Grade on Substructure Area.

= 5,400 Cu. Yds.

TOTAL CUT

= 6,190 CU.YDS.

FILL

= 2,180 CU.YDS.

\* NOTE: FILL QUANTITY INCLUDES 5% FOR COMPACTION

EXCESS MATERIAL

= 4,010Cu. Yds.

Topsoil & Pit Backfill

= 2,320 Cu. Yds.

(1/2 Pit Vol.)

EXCESS UNBALANCE

= 1,690Cu. Yds.

(After Rehabilitation)

UINTAH ENGINEERING & LAND SURVEYING 85 So. 200 East \* Vernal, Utah 84078 \* (435) 789-1017

# BILL BARRETT CORPORATION

PETERS POINT UNIT FEDERAL #8-35D-12-16.

#16-26D-12-16, #14-25D-12-16

LOCATED IN CARBON COUNTY, UTAH SECTION 36, T12S, R16E, S.L.B.&M.



PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY



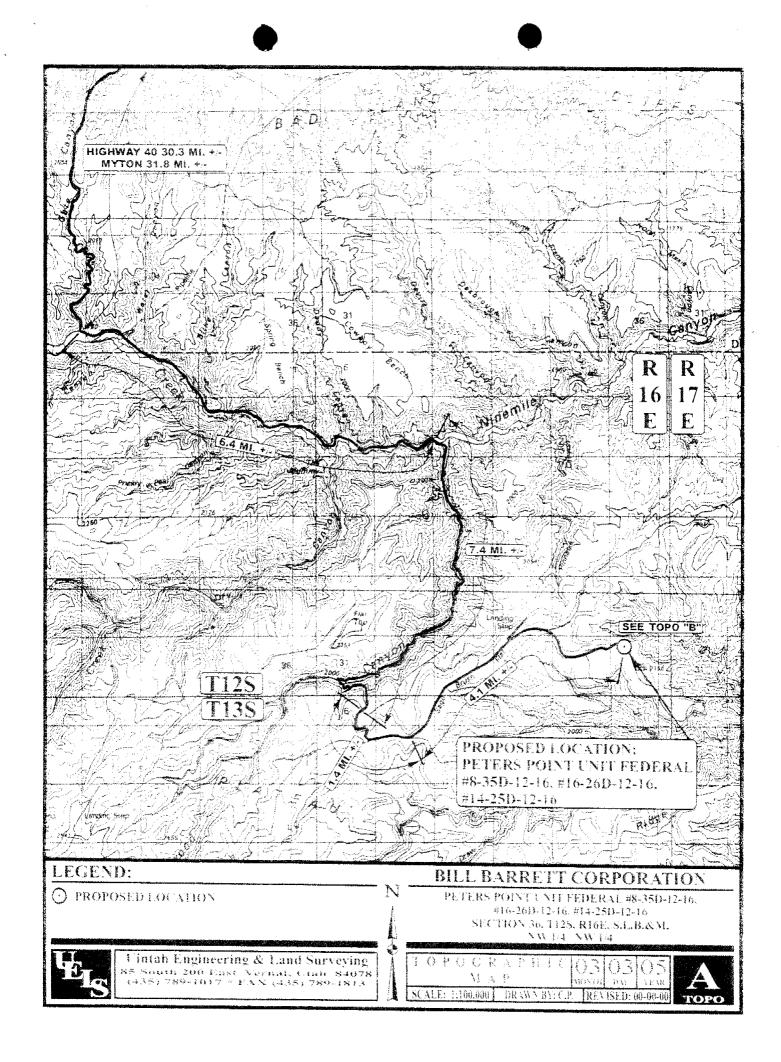
Clintals Engineering & Land Surveying SS South 200 East Vernat, Utah 84078 435-789-1017 uelsia uelsia elsime.com

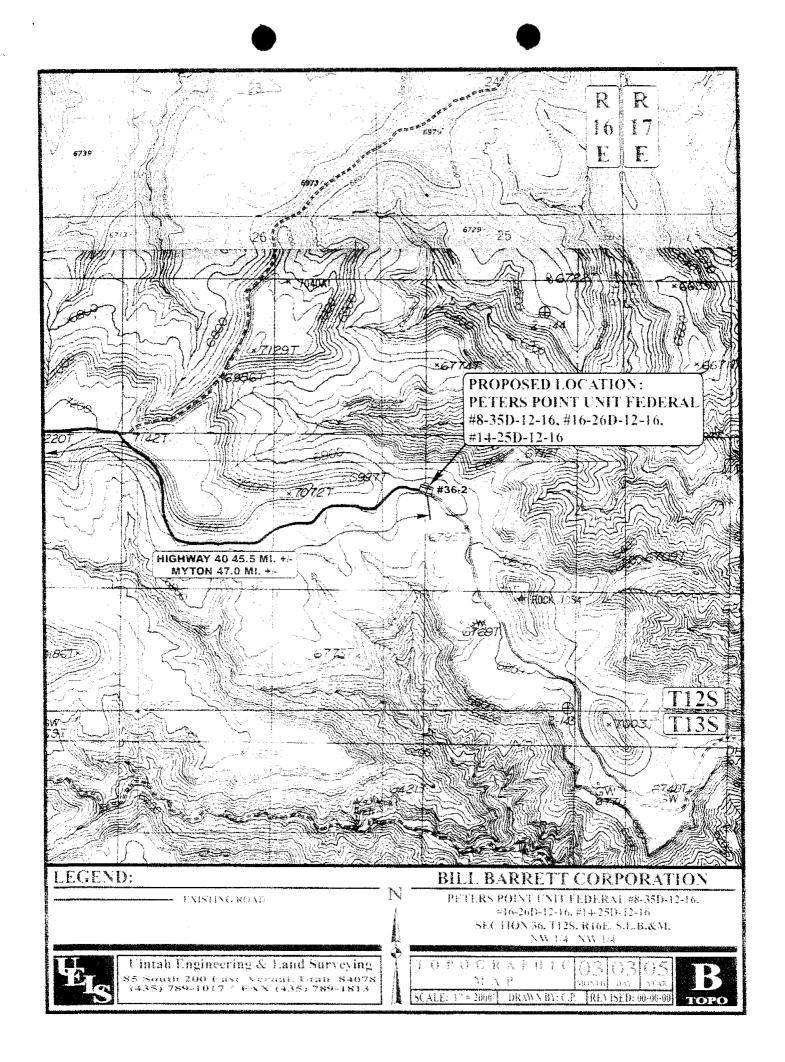
TAN TOO PHOTOS

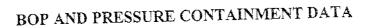
03 03 05

3488607863

TAKEN BY: GO. | DRAWN BY: C.F. | REVISED: 00-06-00

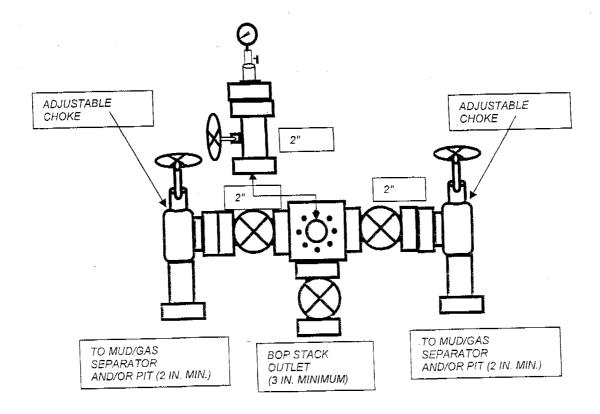






# BILL BARRETT CORPORATION

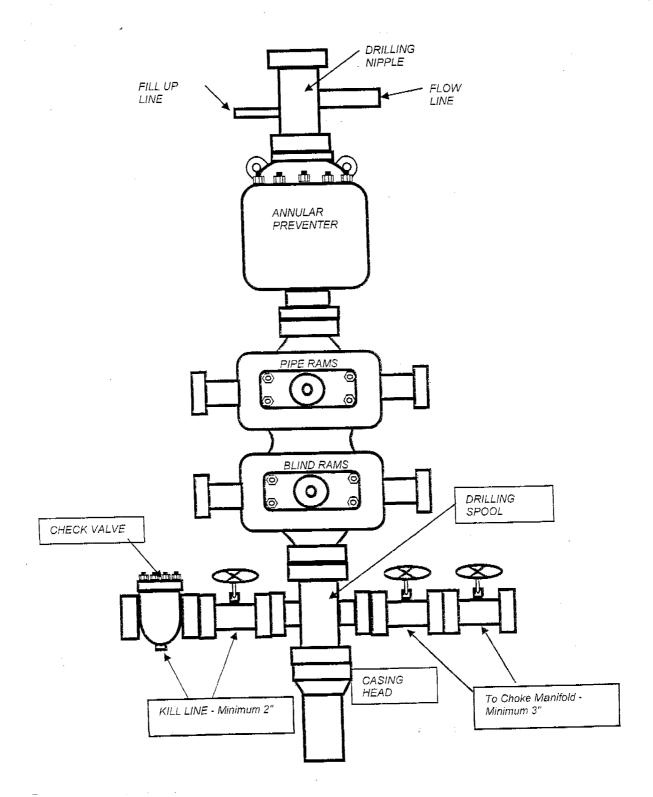
# TYPICAL 3,000 p.s.i. CHOKE MANIFOLD





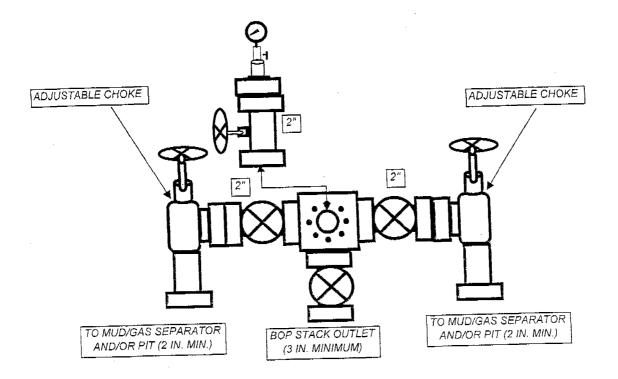
# BILL BARRETT CORPORATION

# TYPICAL 3,000 p.s.i. BLOWOUT PREVENTER



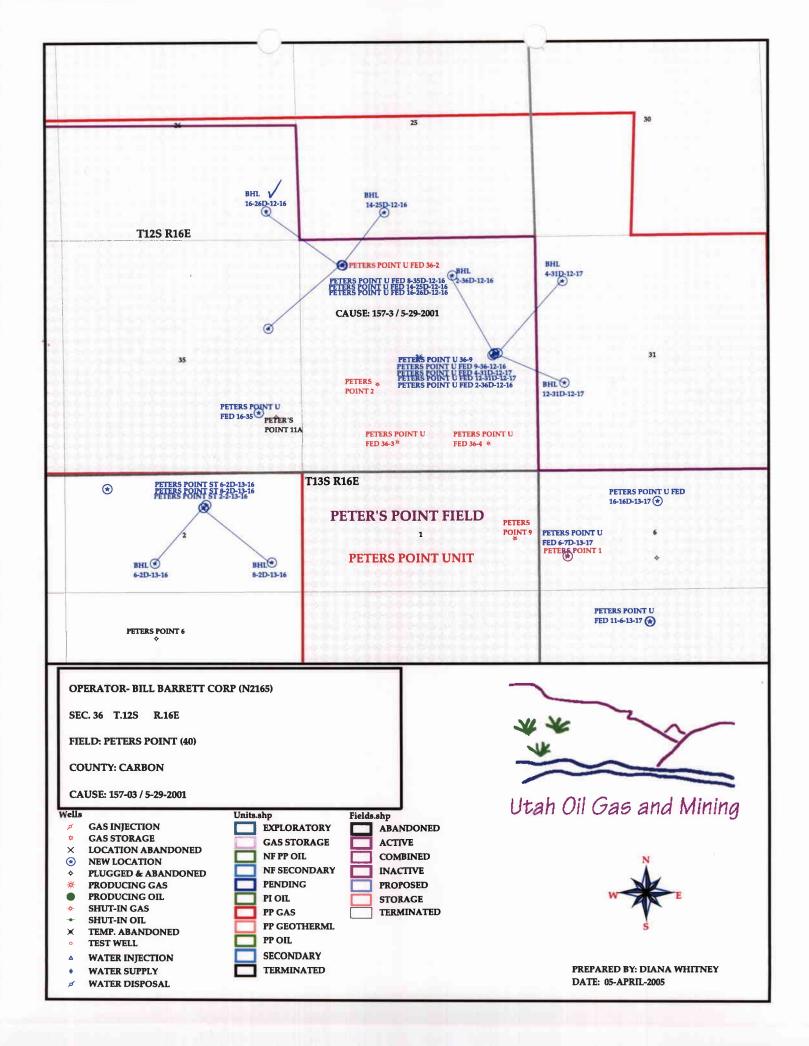
# BILL BARRETT CORPORATION

TYPICAL 3,000 p.s.i. CHOKE MANIFOLD



# WORKSHEET APPLICATION FOR PERMIT TO DRILL

API NO. ADDIGNE	CD: 43-007-3081	.2
•	3-312-8168	
INSPECT LOCATN	BY: / /	
Tech Review	Initials	Date
Engineering		
Surface	<u></u>	
R649-2-3.  Unit PETERS POINT  R649-3-2. G Siting: 460 F R649-3-3. E  Drilling Uni Board Cause Eff Date: Siting: 51	General  from Qtr/Qtr & 920'  Exception  t  No: 157-0  5-29-3-6  Skinds Gineral	3 DSiting
	INSPECT LOCATN  Tech Review  Engineering  Geology  Surface  LATITUDE: 39.73  LOCATION AND SITE  R649-2-3.  Unit PETERS POINT  R649-3-2. G Siting: 460 F: R649-3-3. E  Drilling Unit Board Cause Eff Date: Siting: 514	PHONE NUMBER: 303-312-8168  INSPECT LOCATN BY: / /  Tech Review Initials  Engineering  Geology  Surface  LATITUDE: 39.73594  LONGITUDE: -110.0778  LOCATION AND SITING:





State of Utah

# Department of Natural Resources

MICHAEL R. STYLER Executive Director

# Division of Oil, Gas & Mining

MARY ANN WRIGHT Acting Division Director

JON M. HUNTSMAN, JR. Governor

> GARY R. HERBERT Lieutenant Governor

> > April 7, 2005

Bill Barrett Corporation 1099 18th Street, Suite 2300 Denver, CO 80202

Re:

Peter's Point Unit Federal 16-26D-12-16 Well, Surface Location 567' FNL, 1013' FWL, NW NW, Sec. 36, T. 12 South, R. 16 East, Bottom Location 660' FSL, 660' FEL, SE SE, Sec. 26, T. 12 South, R. 16 East, Carbon County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-007-30812.

-Sincerely,

John R. Baza
Associate Director

pab Enclosures

cc: Carbon County Assessor

Bureau of Land Management, Moab District Office

Operator:	Bill Barrett Corporation						
Well Name & Number	Peter's Point Unit Federal 16-26D-12-16						
API Number:	43-007-30812						
Lease:	UTU-0681						
Surface Location: NW NW	Sec. 36 T. 12 South R. 16 East	t					
Bottom Location: SE SE	Sec. 26 T. 12 South R. 16 East						

# **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

# 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

# 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Form	3160-5	
(Febru	arv 2005	ŀ

de Adarysi

See Attached

Motice of Intent

TYPE OF SUBMISSION

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FO	A MS	PPRO	VE.	3
OM	3 30	1004	-313	-
F-1773	Tree &	وأعجوها	11	114

# Expues March 31, 20

006

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160 - 3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

] (ther

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE

🕡 Gas Well

2 Name of special Bill Barrett Corporation

1099 18th Street, Suite 2300, Denver, CO 80202

4. Location of Well. (Fuotoge, Sec., T., R., M., or Survey Description)

See Attached  6. If Indian, Allottee or Tribe Name N/A  7. It East or CA Agreement, Name and or No. See Attached  8. Well Name and No. See Attached  9. API Well No. See Attached 40. bield and Poot, or Exploration Area See Attached	٠
The State CA Agreement, Name and Kr. No.     See Attached     Well Name and No.     See Attached     API Well No.     See Attached	6.
See Attached  8. Well Name and Na. See Attached  9. API Well No. See Attached 43,007,308  10. bield and Pool, or Exploration Area	
8. Well Name and Na. See Attached 9. API Well No. See Attached 43,007,308 10. hield and Pool, or Exploration Area.	7
See Attached  9 API Well No. See Attached 43,007,308  10 held and Pool, or Exploration Area	
9 API Well No. Sec Attached <b>43</b> , 007   308 10 held and Pool, or Exploration Area	8.
See Artached 43 · 007 · 308  10 hield and Pool, or Eaphyrithory Area	
	ij.
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11 County or Parish, State	11
Carbon, UT	
PORT, OR OTHER DATA	PO

Water Shirt-Off

] Well integrity

Oligi Alternate

production casing

Convert to line often Phug Back Water Disposal

13 Describe Proposed or Completed Operation (clearly state all perturent details, including estimated starting date of the proposal work and approximate duration inspect. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and into vertical depths of all perturent markers and zones. Anath the Benid access which the work will be performed or provide the Bond Ao. The with B! M. BLA. Required substitution must be filled within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filled oneo testing less been completed. Final Aband trimont Notices must be filled only after all requirements, including recitamation, have been completed, and the operator has determined that the site is ready for final inspection.

3b. Phone No. Onclude area code;

TYPE OF ACTION

Production (1869) Resorts

J Temporarib. Abandoe

Reciantmen

303-312-8168

Deepen

Fracture Treat

iew Construction

Plue and Abandon

This sundry is being submitted to request an alternate production easing design, if the 5-1/2" N-80 proposed is unavailable. As an alternative, BBC would like to utilize 5-1/2", 17\(\pi\), 1-80 production cosing. All of the easing characteristics strengths are the same as the N-80 with exception to the tensile strength, 1-80 is rated at 338K lbs whereas N-80 has a tensile rating of 348K lbs.

A spreadsheet of the wells BBC would like this option on is attached.

Aiter Casing

Casmu Renav

Change Plans

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY

Annual Communication on the Communication of the Co			
14 I nerobs certal, that the foregoing is true and carrect Name Perioded Typed)			And Personal Control of the Control
Tracey Fallang	Tille Permit At	ralyst	
Jacow Fallang	Oats	05.23.2005	
THIS SPACE FOR FEDER	RAL OR STATE	OFFICE USE	The state of the s
		And the second s	And the state of t
Approveding	Title	< Diste	
Conditions of appropriate if any, are attached. Approval of this times to be not re-	Varrent or	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
certify that the applicant holds legal or equitable to these rights in the subje- which would emist the applicant to conduct operations thereon	ect lease Office		
This IS U.S.C. Section 1001 and Title 43 U.S.C. Section 1312, make the crime for States any false, fictations or fraudulent, statements or regressionlations, as to any n	rany person kaowiagiy ; namer within its jurisdict	and willfule, to contact to any department or	agency of the United
(Instructions on page 2)		W. Made date	

7. If Unit or CA Agreement, Name and No.

4. Location of Well	5. Lease Serial No.	Name and No.	Name and No. 8. Lease Name a		9. API#	10. Field and Pool	11. Sec. T, R and Survey or Area
NESE, 2638 FNL, 910 FEL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	9-36-12-16	43-007-31011	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2647 FSL, 898 FEL	UTU-04049	Peter's Point Unit	Peter's Point Unit Fed	2-36D-12-16	43-007-31010	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2657 FSL, 886 FEL	UTU-04049 (SH) UTU-0737 (BH)	Peter's Point Unit	Peter's Point Unit Fed	12-31D-12-17	43-007-31009	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
2620 FSL, 934 FEL	UTU-0681 (SH) UTU-03333 (BH)	Peter's Point Unit	Peter's Point Unit Fed	4-31D-12-17	43-007-30810	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
700 FNL, 2439 FWL	UTU-0744	Peter's Point Unit	Peter's Point Unit Fed	16-6D-13-17	43-007-31004	Peter's Point Unit/Exploratory	Sec. 6-T13S-R17E, S.L.B.&M.
563 FNL, 999 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	8-35D-12-16	43-007-31024	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
567 FNL, 1013 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	16-26D-12-16	43-007-30812	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.
571 FNL, 1028 FWL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	14-25D-12-16	43-007-30764	Peter's Point Unit/Mesaverde	Sec. 36-T12S-R16E, S.L.B.&M.
1338 FSL, 973 FEL	UTU-0681	Peter's Point Unit	Peter's Point Unit Fed	16-35-12-16	43-007-30965	Peter's Point Unit/Mesaverde	Sec. 35-T12S-R16E, S.L.B.&M.
2596 FNL, 1348 FEL	UTU-73671	Prickly Pear Unit	Prickly Pear Unit Fed	7-33D-12-15	43-007-30985	Prickly Pear Unit/Mesaverde	Sec. 33-T12S-R15E, S.L.B.&M.
2115 FNL, 2063 FEL	UTU-73896	Prickly Pear Unit	Prickly Pear Unit Fed	7-25-12-15	43-007-30954	Prickly Pear Unit/Mesaverde	Sec. 25-T12S-R15E, S.L.B.&M.
856 FSL, 1225 FEL	UTU-73671	Prickly Pear Unit	Prickly Pear Unit Fed	16-34-12-15	43-007-30955	Prickly Pear Unit/Mesaverde	Sec. 34-T12S-R15E, S.L.B.&M.
676 FSL, 1934 FWL	UTSL-0071595	Peter's Point Unit	Peter's Point Unit Fed	14-34-12-16	43-007-30983	Prickly Pear Unit/Mesaverde	Sec. 34-T12S-R16E, S.L.B.&M.
1582 FNL, 960 FWL	UTU-73665	Prickly Pear Unit	Prickly Pear Unit Fed	5-13-12-14	43-007-31008	Prickly Pear Unit/Mesaverde	Sec. 13-T12S-R14E, S.L.B.&M.

Well name:

Utah: Nine Mile (1-80)

Operator: String type:

Bill Barrett Production

Location:

Uintah County, UT

Design parameters:

Collapse

Mud weight:

9.50 ppg

Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor

1.125

**Environment:** 

H2S considered? Surface temperature:

Bottom hole temperature: Temperature gradient:

No 75.00 °F 215 °F

1.40 °F/100ft

Minimum section length: 1,500 ft

Burst:

Design factor

1.00

Cement top:

2,375 ft

Burst

Max anticipated surface

pressure: Internal gradient: 4,705 psi 0.02 psi/ft

Calculated BHP

Annular backup:

4,935 psi

9.50 ppg

Tension:

8 Round STC:

Premium:

Body yield:

1.80 (J) 8 Round LTC: 1.80 (J) Buttress: 1.80 (J) 1.80 (J) 1.80 (B)

Tension is based on buoyed weight.

Non-directional string.

Neutral point: 8,559 ft

Run Seq	Segment Length (ft)	Size (ìn)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	10000	5.5	17.00	1-80	LT&C	10000	10000	4.767	344.6
Run Seq	Collapse Load (psi) 4935	Collapse Strength (psi) 6290	Collapse Design Factor 1.275	Burst Load (psi) 4705	Burst Strength (psi) 7740	Burst Design Factor 1.65	Tension Load (Kips) 146	Tension Strength (Kips) 338	Tension Design Factor 2.32 J

Prepared Dominic Spencer by: Bill Barrett

Phone: (303) 312-8143 FAX: (303) 312-8195

Date:

23-May-05 Denver, Colorado

Remarks:

Collapse is based on a vertical depth of 10000 ft, a mud weight of 9.5 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is pased on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

<i>I-80</i>	Outside	Weight	Thread	ı	-80 Perfe	ormance F	roperties	5		J-55 Peri	formance	Propertie	s	1	1-80 Per	formance	Propertie	s
Performance	Diameter, inch	T&C, lb per ft	Type	Collapse, psi	Burst, psi	Tension, Pipe Body		Maximum Set Depth,	•	Burst, psi	Tension, Pipe Body		Maximum Set Depth	Collapse, psi	Burst, psi	Tension, Pipe Body		Maximum Set Depth
Property	111(31)	no bean		ופת	hai	Yield	Strength		ры	ры	Yield	Strength	•	, 1551	PG	Yield	Strength	
Comparison	4.500	9.50	Short	3900	6380	221	138	6930	3310	4380	152	101	5890	3900	6380	221	143	6930
		10.50	Short	4940	6970	241	173	8780	4010	4790	165	132	7000	4940	6970	241	186	8780
		11.60	Long	6350	7780	267	201	9610	4960	5350	184	162	7760	6350	7780	267	223	10680
	5.500	14.00	Short	3620	6210	322	234	6440	3120	4270	222	172	5550	3620	6210	322	243	6440
		15.50	Long	4990	7000	361	282	8870	4040	4810	248	217	7180	4990	7000	361	306	8870
		17.00	Long	6280	7740	397	320	10470	4910	5320	273	247	8060	6280	7740	397	348	11170
	7.000	20.00	Short	2740	5440	460	320	4870	2270	3740	316	234	4040	2740	5440	460	331	4870
		23.00	Long	3830	6340	532	428	6810	3270	4360	366	313	5810	3830	6340	532	442	6810
		26.00	Long	5410	7240	604	502	9620	4320	4980	415	367	7680	5410	7240	604	519	9620
	8.625	24.00	Short	1430	4290	555	337	2540	1370	2950	381	244	2440	1430	4290	555	346	2540
		28.00	Long	2160	4930	636	478	3840	1880	3390	437	348	3340	2160	4930	636	493	3840
		32.00	Long	3050	5710	732	574	5420	2530	3930	503	417	4500	3050	5710	732	591	5420
I-80 Dimensions,	Outside	Weight	Thread		Din	ensions,	inch		Mal	ke-Up To	orque	_ Hydro-						
Torques and	Diameter,	T 0 0	T	Wali		D.26	Country											
i vi ques anu	•	- •	Type	wan	Inside	Drift		j Make-up		ft x lbs		Test						
<b>-</b>	inah	lb per ft	туре			Diameter	Outside	Loss	Optimum		n Maximun	n Pressure	<b>)</b> ,	4 4010	U-4:. FO	o otal E	400	
Hydro-Test	inch		Type					Loss	Optimum		n Maximun		e, 			3, Sixth Eds		the
<b>-</b>	inch		Short				Outside	Loss	Optimum 1380		n Maximun	n Pressure	e, -		994 was	3, Sixth Eds s used to d		the
Hydro-Test	inch	lb per ft		Thickness	Diameter	Diameter	Outside Diamete	Loss		Minimun		Pressure psi	), -	October 1 listed pro	994 was perties.	s used to d	etermine	
Hydro-Test	inch	lb per ft 9.50	Short	Thickness 0.205	Diameter 4.090	Diameter 3.965	Outside Diamete 5.000	Loss r 2.000	1380	Minimun 1040	1730	Pressure psi 5800	<del>)</del> , –	October 1 listed pro 2. The veusing a 9	994 was perties. rtical sel .625 lb.	s used to d t depth was per U.S. ga	etermine s compute allon mud	ed ,
Hydro-Test	4.500	9.50 10.50 11.60	Short Short Long	0.205 0.224 0.250	4.090 4.052 4.000	3.965 3.927 3.875	Outside Diamete 5.000 5.000 5.000	2.000 2.625 3.000	1380 1790 2190	1040 1340 1640	1730 2240 2740	5800 6400 7100	), -	October 1 listed pro 2. The ve using a 9 and safet	994 was perties. rtical sel .625 lb.   y factors	t depth was per U.S. gas of 1.125,	etermine s compute allon mud 1.0 and 1	ed ,
Hydro-Test	inch	9.50 10.50 11.60	Short Short Long Short	0.205 0.224 0.250 0.244	4.090 4.052 4.000 5.012	3.965 3.927 3.875 4.887	Outside Diamete 5.000 5.000 5.000	2.000 2.625 3.000 2.875	1380 1790 2190 2340	1040 1340 1640 1760	1730 2240 2740 2930	5800 6400 7100	e, -	October 1 listed pro 2. The verusing a 9 and safet respective	994 was perties. rtical sel .625 lb.   y factors	s used to d t depth was per U.S. ga	etermine s compute allon mud 1.0 and 1	ed ,
Hydro-Test	4.500	9.50 10.50 11.60	Short Short Long	0.205 0.224 0.250	4.090 4.052 4.000	3.965 3.927 3.875	Outside Diamete 5.000 5.000 5.000	2.000 2.625 3.000	1380 1790 2190	1040 1340 1640	1730 2240 2740	5800 6400 7100	-	October 1 listed pro 2. The veusing a 9 and safet respective tension.	994 was perties. rtical sel .625 lb.   y factors ely, for c	s used to d t depth was per U.S. ga s of 1.125, collapse, bu	etermine s compute allon mud 1.0 and 1 irst and	ed , .8
Hydro-Test	4.500 5.500	9.50 10.50 11.60 14.00 15.50 17.00	Short Short Long Short Long Long	0.205 0.224 0.250 0.244 0.275 0.304	4.090 4.052 4.000 5.012 4.950 4.892	3.965 3.927 3.875 4.887 4.825 4.767	Outside Diamete 5.000 5.000 5.000 6.050 6.050 6.050	2.000 2.625 3.000 2.875 3.500 3.500	1380 1790 2190 2340 2950 3350	1040 1340 1640 1760 2210 2510	1730 2240 2740 2930 3690 4190	5800 6400 7100 5700 6400 7100	3, -	October 1 listed pro 2. The versing a 9 and safet respective tension.	994 was perties. ritical sel .625 lb.   y factors ely, for c	s used to d t depth was per U.S. ga s of 1.125, collapse, bu vailable pla	etermine s compute allon mud 1.0 and 1 irst and	ed , .8
Hydro-Test	4.500	9.50 10.50 11.60 14.00 15.50 17.00	Short Short Long Short Long Long	0.205 0.224 0.250 0.244 0.275 0.304	4.090 4.052 4.000 5.012 4.950 4.892 6.456	3.965 3.927 3.875 4.887 4.825 4.767 6.331	Outside Diamete 5.000 5.000 5.000 6.050 6.050 7.656	2.000 2.625 3.000 2.875 3.500 3.500	1380 1790 2190 2340 2950 3350	1040 1340 1640 1760 2210 2510	1730 2240 2740 2930 3690 4190	5800 6400 7100 5700 6400 7100	3, 	October 1 listed pro 2. The version a 9 and safet respective tension.  3. Product with IPSC and the safet respective tension.	994 was perties. ritical sel .625 lb.   y factors ely, for c	s used to d t depth was per U.S. ga s of 1.125, collapse, bu	etermine s compute allon mud 1.0 and 1 irst and	ed , .8
Hydro-Test	4.500 5.500	9.50 10.50 11.60 14.00 15.50 17.00 20.00 23.00	Short Short Long Short Long Long Short Long	0.205 0.224 0.250 0.244 0.275 0.304 0.272 0.317	4.090 4.052 4.000 5.012 4.950 4.892 6.456 6.366	3.965 3.927 3.875 4.887 4.825 4.767 6.331 6.250	Outside Diamete 5.000 5.000 5.000 6.050 6.050 7.656 7.656	2.000 2.625 3.000 2.875 3.500 3.500 3.125 4.000	1380 1790 2190 2340 2950 3350 3200 4280	1040 1340 1640 1760 2210 2510 2400 3210	1730 2240 2740 2930 3690 4190 4000 5350	5800 6400 7100 5700 6400 7100 5000 5800	3,	October 1 listed pro 2. The version a 9 and safet respective tension. 3. Product with IPSO QB2.	994 was perties. intical sel .625 lb.   y factors ely, for co ets are are CO(s prei	s used to d t depth was per U.S. ga s of 1.125, collapse, bu vailable pla mium conn	etermine s compute allon mud 1.0 and 1 urst and tin end ar ects QB1	ed , .8
Hydro-Test	4.500 5.500	9.50 10.50 11.60 14.00 15.50 17.00	Short Short Long Short Long Long	0.205 0.224 0.250 0.244 0.275 0.304	4.090 4.052 4.000 5.012 4.950 4.892 6.456	3.965 3.927 3.875 4.887 4.825 4.767 6.331	Outside Diamete 5.000 5.000 5.000 6.050 6.050 7.656	2.000 2.625 3.000 2.875 3.500 3.500	1380 1790 2190 2340 2950 3350	1040 1340 1640 1760 2210 2510	1730 2240 2740 2930 3690 4190	5800 6400 7100 5700 6400 7100	-	October 1 listed pro 2. The verousing a 9 and safet respective tension. 3. Product with IPSO QB2. 4. As a second product of the product of th	994 was perties. rtical sel .625 lb.   y factors ely, for c ets are a COis prei	s used to d t depth was per U.S. ga s of 1.125, collapse, bu vailable pla	etermine compute allon mud 1.0 and 1 urst and tin end ar ects QB1	ed , .8
Hydro-Test	4.500 5.500	9.50 10.50 11.60 14.00 15.50 17.00 20.00 23.00	Short Short Long Short Long Long Short Long	0.205 0.224 0.250 0.244 0.275 0.304 0.272 0.317 0.362	4.090 4.052 4.000 5.012 4.950 4.892 6.456 6.366	3.965 3.927 3.875 4.887 4.825 4.767 6.331 6.250	Outside Diamete 5.000 5.000 5.000 6.050 6.050 7.656 7.656	2.000 2.625 3.000 2.875 3.500 3.500 3.125 4.000	1380 1790 2190 2340 2950 3350 3200 4280	1040 1340 1640 1760 2210 2510 2400 3210	1730 2240 2740 2930 3690 4190 4000 5350	5800 6400 7100 5700 6400 7100 5000 5800	3, -	October 1 listed pro 2. The verousing a 9 and safet respective tension. 3. Product with IPSO QB2. 4. As a second product of the product of th	994 was perties. rtical sel .625 lb.   y factors ely, for c ets are a COis prei	s used to d t depth was per U.S. ga s of 1.125, collapse, bu vailable pla mium conn	etermine compute allon mud 1.0 and 1 urst and tin end ar ects QB1	ed , .8
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The information and data contained herein are accurate to our knowledge, based upon standard industry calculations. Buyers are encouraged to make their own evaluations of the above derived performance properties for their particular use. The specific warranty applicable to these goods is as contained in IPSCO's Order Acknowledgment, Conditions of Sale.



P.O. Box 18 Camanche, Iowa 52730 Phone: (563) 242-0000 Toll Free: 1-800-950-4772 400 505-3rd Street SW Calgary, Alberta T2P 3E6 Phone: (403) 543-8000 Toll Free: 1-877-780-7560

P.O. Box 1670 Regina, Saskatchewan S4P 3C7 Phone: (306) 924-7700 Toll Free: 1-800-667-1616



Form 3160-3 (April 2004)

JUN 2 0 2005

**BBC** CONFIDENTIAL UNITED STATES OF DEPARTMENT OF THE INTERIOR

RECEIVED MOAB FIELD OFFICE FORM APPROVED

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OMB No. 1004-0137
Expires March 31 2005 APR - 5 P 1: 1:

5. Lease Serial No.
UTU-0681 (Dhl) UTU-04049 (Selerface) 6. If Indian, Allotee or Tros Name OF THE INTERIOR

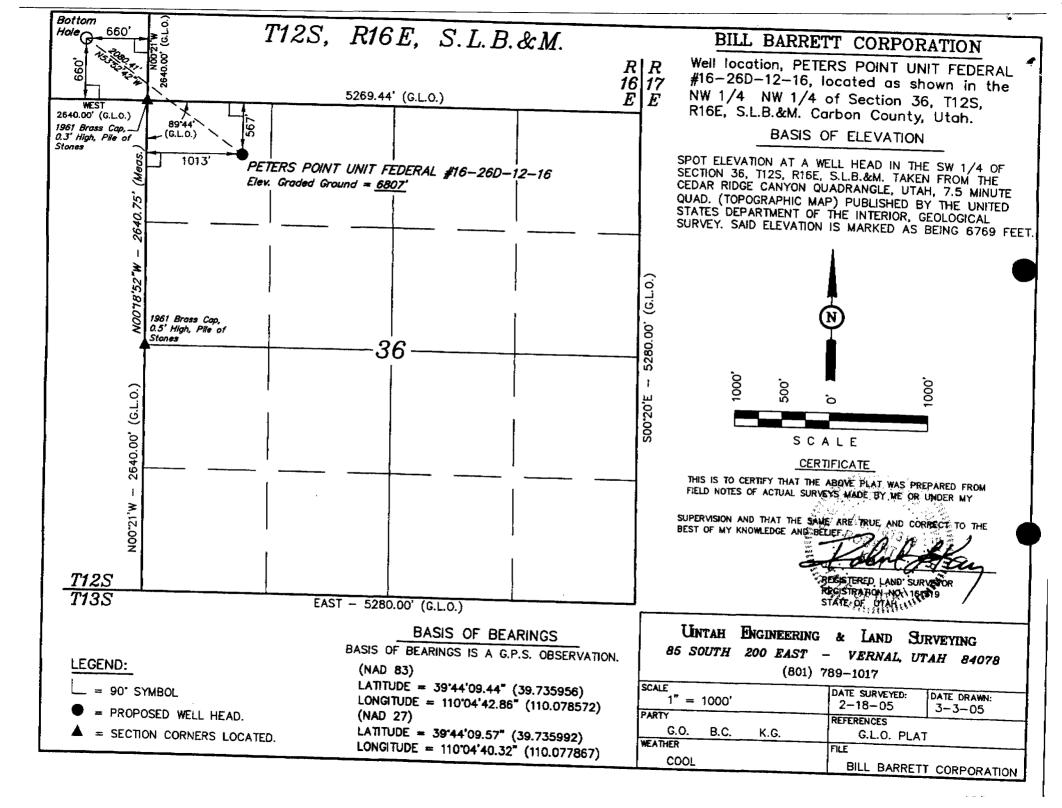
Bi	UREAU	OF LAND	MAN	NAGEMI	ENT		
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APPLICATION FOR PERMIT TO I	n/a	BUREAU OF LAN			
la. Type of work: DRILL REENTE	7. If Unit or CA Agrees Peter's Point Unit				
lb. Type of Well: Oil Well Gas Well Other	8. Lease Name and W Peters Point Un	ell No. ait Fed 16-26D-12-16			
2. Name of Operator BILL BARRETT CORPORATION			9. API Well No.  -pending- 43	3007 <i>30</i> 812	
3a. Address 1099 18th Street, Suite 2300 Denver CO 80202	3b. Phone No. (include area code) (303) 312-8168		10. Field and Pool, or Ex Peter's Point/M		
4. Location of Well (Report location clearly and in accordance with any At surface NWNW, 567' FNL, 1013' FWL			11. Sec., T. R. M. or Blk	and Survey or Area	
At proposed prod. zone SESE, 660' FSL, 660' FEL (Sec. 26-	T12S-R16E)		Section 50 1120	Title C.E.D.C.	
14. Distance in miles and direction from nearest town or post office*	<del></del>		12. County or Parish	13. State	
			Carbon	UT	
15. Distance from proposed* location to nearest property or lease line, ft. 567'(SHL)/1980'(BHL)	67'(SHL)/1980'(BHL) 16. No. of acres in lease 17.			ell	
(Also to nearest drig. unit line, if any)	1598.062	160 ac	eres		
18. Distance from proposed location*	19. Proposed Depth	20. BLM/F	BIA Bond No. on file		
to nearest well, drilling, completed, applied for, on this lease, ft.  2635' (BHL)	8500 MD	Natio	ionwide Bond #WYB000040		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22. Approximate date work will sta	rt*	23. Estimated duration		
6807' graded ground	07/13/2005		60 days		
	24. Attachments				
The following, completed in accordance with the requirements of Onshore	e Oil and Gas Order No.1, shall be a	ttached to thi	s form:	·	
Well plat certified by a registered surveyor.     A Drilling Plan.	4. Bond to cover the litem 20 above).	ne operation	as unless covered by an ex	xisting bond on file (see	
<ol> <li>A Surface Use Plan (if the location is on National Forest System I SUPO shall be filed with the appropriate Forest Service Office).</li> </ol>	, I .	specific info	rmation and/or plans as п	nay be required by the	
25. Signature Lacus Fallanes	Name (Printed/Typed) Tracey Fallang		D	Pate 04/01/2005	
Fitle Permit Analyst				<u> </u>	
Approved by (Signature) SI A. Lynn Jackson	Name (Printed/Typed)		Γ	June 15,2005	
Assistant Field Mana	- 1 1 1/41	b Fi	old Office	·	
Application approval does not warrant of Set 19 that the applicant buts	legar or equitable title to those righ	ts in the subj	ect lease which would ent	itle the applicant to	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on page 2)

Conditions of approval, if any, are attached.



Bill Barrett Corporation Peters Point Unit Federal 16-26D-12-16

Peters Point Unit

Surface Lease Bottomhole Lease

UTU-04049 UTU-0681

Surface Location

NW/NW Sec. 36, T12S, R16E

Botomhole Location SE/SE Sec. 26, T12S, R16E

Carbon County, Utah

A COMPLETE COPY OF THIS PERMIT SHALL BE KEPT ON LOCATION from the beginning of site construction through well completion, and shall be available to contractors to ensure compliance.

## CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be advised that Bill Barrett Corporation is considered to be the operator of the above well and is responsible under the terms and conditions of the lease for the operations conducted on the leased lands.

Bond coverage for this well is provided by WYB000040 (Principal - Bill Barrett Corporation) via surety consent as provided for in 43 CFR 3104.2.

This office will hold the aforementioned operator and bond liable until the provisions of 43 CFR 3106.7-2 continuing responsibility are met.

This permit will be valid for a period of one year from the date of approval. After permit termination, a new application must be filed for approval.

All lease operations will be conducted in full compliance with applicable regulations (43 CFR 3100), Onshore Oil and Gas Orders, lease terms, notices to lessees, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors.

# A. DRILLING PROGRAM

- 1. The proposed 3M BOP system is adequate for anticipated conditions.
  Installation, testing and operation of the system shall be in conformance with Onshore Oil and Gas Order No. 2.
- 2. Concurrent approval from the State of Utah, Division of Oil, Gas & Mining (DOGM) is required before conducting any surface disturbing activities.
- 3. The production casing shall be cemented into place such that the top-of-cement extends into the surface casing, leaving no annular space exposed to open-hole. A cement bond log (CBL) or other appropriate tool for determining top-of-cement, shall be run on the production casing string, unless cement is circulated to surface.
- 4. If logging reveals that the cementing objectives were not met, remedial cementing will be required.
- 5. Locally, the Green River Formation is known to contain oil, gas, oil shale and tar sand deposits. However, the lateral occurrence, distribution and grade of the oil shale and tar sand deposits are not well defined. The operator shall pay particular attention to this section, and shall attempt to identify and describe any of these resources that may be penetrated. Any information obtained on these resources shall be included as part of the Well Completion Report.
- 6. If diesel is added to the drilling fluid, the volume shall be included on the operator's weekly drilling reports.

# B. SURFACE USE

- 1. The following appendices are attached for your reference. They are to be followed as conditions of approval:
  - SM-A, Seed Mixture for Berms, Topsoil Piles, Pad Margins
  - SM-B, Seed Mixture for Final Reclamation (buried pipelines, abandoned pads, roads, etc.)
  - TMC1, Browse Hand Planting Tubeling Mixtures
  - Applicant-committed environmental protection measures, see attached Appendix B
- 2. The operator shall restrict travel on unimproved roads during periods of inclement weather or spring thaw when the possibility exists for excessive surface resource damage.
- 3. Construction and drilling activity will not be conducted using frozen or saturated soil material during periods when watershed damage or excessive rutting is likely to occur.
- 4. With the overall objective of minimizing surface disturbance and retaining land stability and productivity, the operator shall utilize equipment that is appropriate to the scope and scale of work being done for roads and well pads (utilize equipment no larger than needed for the job).
- Maintain a minimum 20-foot undisturbed vegetative border between toe-of-fill
  of pad and/or pit areas and the edge of adjacent drainages or edges of
  cliffs/steep hillsides.
- 6. The operator shall submit a Sundry Notice (Form 3160-5) to BLM for approval prior to construction of any new surface disturbing activities that are not specifically addressed in the approved APD.
- 7. Reserve Pits will be adequately fenced during and after drilling operations until pit is reclaimed so as to effectively keep out wildlife and livestock. Adequate fencing, in lieu of more stringent requirements, is defined as follows:



- 8. Construction materials will consist of steel or wooden posts. Three or four strand wire (smooth or barbed) fence or hog panel (16 foot length by 50-inch height) or plastic snow fence must be used with connectors such as fence staples, quick-connect clips, hog rings, hose clamps, twisted wire, etc. Electric fences will not be allowed.
  - Construction standards: Posts shall be firmly set in ground. If wire is used, it must be taut and evenly spaced, from ground level to top wire, to effectively keep out animals. Hog panels must be tied securely into posts and one another using fence staples, clamps, etc. Plastic snow fencing must be taut and sturdy. Fence must be at least 2-feet from edge of pit. 3 sides fenced before beginning drilling, the fourth side fenced immediately upon completion of drilling and prior to rig release. Fence must be left up and maintained in adequate condition until pit is closed.
- 9. The mud pit will be lined with an impermeable liner. An impermeable liner is any liner having permeability less than 10<sup>-7</sup> cm/sec. The liner will be installed so that it will not leak and will be chemically compatible with all substances that may be put in the pit. Liners made of any man-made synthetic material will be of sufficient strength and thickness to withstand normal installation and pit use. In rocky soils, a suitable bedding material such as sand will be used prior to installing the liner. Fill from the pit would be stockpiled within a drainage control berm along the edge of the pit and adjacent edge of the well pad.
- 10. In areas where the soil surface shows evidence of biological soil crusts, the top uppermost (1/4-inch) of undisturbed biological soils from adjacent an undisturbed area shall be randomly collected from small areas (approximately 12-inch squares) and cast over the reclaimed site immediately following final reclamation to the facilitate re-establishment of soil crusts. Such actions would mitigate impacts to soil crusts in the long-term, although short-term impacts would remain.
- 11. BBC shall provide the authorized officer with an annual report of water consumed for the entire field for drilling, completion, and dust-suppression activities. This report shall detail the amounts used and the source of the water.
- 12. Where appropriate use brush-hog or similar equipment to minimize impact to vegetation and enhance re-growth and revegetation potential.



- 13. Feather edges of disturbed area by creating a vertical transition from taller to shorter vegetation along disturbed edges. Vary width of disturbance and preserve some plant masses to create a more naturally appearing edge and thereby avoid straight, sweeping, and converging lines in the landscape.
- 14. Reduce overall width of surface disturbance by working with equipment on the road, and taking advantage of the access already provided by the roadway.
- 15. BBC shall implement an effective revegetation plan, including installation of shrubs and tubelings, thus establishing larger plants early.
- 16. Use rocks and downed vegetation to "break up" new textures created by disturbance and exposure of soils, and to provide "planting pockets" for the establishment of new plant materials.
- 17. At stream crossings keep all equipment away from edge of escarpments and stream banks thereby minimizing impacts to escarpment edge, and stabilize these edges pre-construction using vegetative or mechanical methods.
- 18. Refer to TMC1, Browse Hand Planting Tubeling Mixtures to easily establish fastgrowing shrubs in seed mix and as tubelings.
- 19. To minimize the chance of undesirable plant species (especially seeds) from being carried into the WTPPA, equipment would be power-washed before being brought in.
- 20. Heavy equipment would not mobilize or demobilize through Nine Mile Canyon on weekends or holidays.
- 21. Recontour all disturbed surfaces to more natural-appearing landform, similar in topography to pre-disturbance and surrounding landscape. Prepare the soils for proper revegetation and implement best management practices for revegetation and erosion control.
- 22. The Mexican Spotted Owl Conservation Measures to avoid impacts:
  - a. Complete construction/drilling activities proposed within Designated Habitat outside the nesting period (March 1-August 31).



- b. Conduct annual surveys for nesting roosting habitat in areas proposed for construction activity within .5 miles of identified canyon habitat, based on the USFWS 2000, MSO habitat model.
- c. Upon discovery of individuals or sightings of this species, halt construction/drilling activities and notify authorized official within 24 hours.
- 23. No construction/drilling activities shall occur during the time of the year November 1 through May 15 for sage-grouse winter habitat.
- 24. Mule deer on critical winter ranges shall be protected by seasonal restrictions on construction from November 1 through May 15 where federal permits are required.
- 25. Elk on high priority and critical winter ranges would be protected by seasonal restrictions on construction from November 1 through May 15.
- 26. The Operator shall contact the authorized BLM official for an onsite prior to the placement of long-term structures occupying the pad longer than 6 months and higher than 14 feet above the original natural grade.

# **GENERAL CONSTRUCTION**

- 27. Operator shall contact the Price BLM Office at least forty-eight hours prior to the anticipated start of construction and/or any surface disturbing activities. The BLM may require and schedule a preconstruction conference with the operator prior to the operator commencing construction and/or surface disturbing activities. The operator and the operator's contractor, or agents involved with construction and/or any surface disturbing activities associated with the project, shall attend this conference to review the Conditions of Approval and plan of development. The operator's inspector will be designated at the pre-drill conference, and is to be given an approved copy of all maps, permits and conditions of approval before the start of construction. The BLM will also designate a representative for the project at the preconstruction conference.
- 28. The operator shall designate a representative(s) who shall have the authority to act upon and to implement instructions from the BLM. The operator's representative shall be available for communication with the BLM within a reasonable time when construction or other surface disturbing activities are



- 29. Any archaeology/cultural resource discovered by the operator, or any person working on his behalf, on public land are to be immediately reported to the Price BLM Office. The operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Price BLM Office. An evaluation of the discovery will be made by the BLM to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator is responsible for the cost of evaluation of any site found during construction. The BLM will determine what mitigation is necessary.
  - a. Any paleontological resource discovered by the operator, or any person working on his behalf, on public land is to be immediately reported to the Price BLM Office. The operator will suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Price BLM Office. An evaluation of the discovery will be made by the BLM to determine appropriate actions to prevent the loss of significant cultural or scientific values. The operator is responsible for the cost of evaluation of any site found during construction. The BLM will determine what mitigation is necessary.
- 30. During project construction, surface disturbance and vehicle travel shall be limited to the approved location and access routes. Any additional area needed must be approved by the Price BLM Office prior to use.
- 31. The operator must provide a trash cage for the collection and containment of all trash. The trash shall be disposed in an authorized landfill. The location and access roads shall be kept litter free.
- 32. Vegetation removal necessitated by construction shall be confined to the limits of actual construction. Removed vegetation will be stockpiled for use in reclamation or removed from the construction site at the direction of the BLM.
- 33. Prior to surface disturbance, topsoil is to be separately removed and segregated from other material. Topsoil depth will be decided onsite by BLM. If the topsoil is less than 6 inches, a 6-inch layer that includes the A horizon and the unconsolidated material immediately below the A horizon shall be removed and the mixture segregated and redistributed as the surface soil layer.
  - a. Generally topsoil shall be stored within the pad site or adjacent to access roads. The company in consultation with BLM shall determine stockpile locations and dimensions at the onsite. If the topsoil stockpiles will not be

redistributed for a period in excess of one (1) year, the stockpiles are to be

# ROAD and PIPELINE CONSTRUCTION

34. Operator shall provide an inspector under the direction of a registered professional engineer (PE) at all times during road construction. A PE shall certify (statement with PE stamp) that the road was constructed to the required Bureau of Land Management (BLM) road standards.

seeded with seed mixture SM-A (attached).

- 35. Road construction or routine maintenance activities are to be performed during periods when the soil can adequately support construction equipment. If such equipment creates ruts more than 6 inches deep, the soil is deemed too wet to adequately support construction equipment. Whenever dust plumes exceed 200 feet the company shall water the road to abate the dust
- 36. The operator is responsible for maintenance of all roads authorized through the lease or a right-of-way. Construction and maintenance shall comply with Class II or III Road Standards as described in BLM Manual Section 9113 and the Moab District Road Standards, except as modified by BLM. Maintenance may include but is not limited to grading, applying gravel, snow removal, ditch cleaning, headcut restoration/prevention.
- 37. Topsoil from access roads and pipelines are to be wind rowed along the uphill side of the road or stored in an approved manner. When the road and pipeline is rehabilitated, this soil will then be used as a top coating for the seed bed.
- 38. Erosion-control structures such as water bars, diversion channels, and terraces will be constructed to divert water and reduce soil erosion on the disturbed area. Road ditch turnouts shall be equipped with energy dissipaters as needed to avoid erosion. Where roads interrupt overland sheet-flow and convert this runoff to channel flow, ditch turnouts shall be designed to reconvert channel flow to sheet flow. Rock energy dissipaters and gravel dispersion fans may be used or any other design which would accomplish the desired reconversion of flow regime. As necessary cut banks, road drainages, and road crossings shall be armored or otherwise engineered to prevent headcutting.

# PAD CONSTRUCTION

39. During the construction of the drill pad, suitable topsoil material is to be stripped and conserved in a stockpile on the pad. If stockpiles are to remain

for more than a year, they shall be seeded with the seed mixture in appendix SM-A, attached.

- 40. Generally, drill pads are to be designed to prevent overland flow of water from entering or leaving the site. The pad is to be sloped to drain spills and water into the reserve pit. The drill pad shall be designed to disperse diverted overland flow and to regulate flow velocity so as to prevent or minimize erosion. Well pad diversion outlets shall be equipped with rock energy dissipators and gravel-bedded dispersion fans.
- 41. In the event construction can't be completed prior to winter closures, measures to prevent erosion from upcoming spring snowmelt shall be taken as follows:
  - a. Loose earth and debris will be removed from drainages, and flood plains.
    - i. b. Earth and debris shall not be stockpiled on drainage banks.
  - b. Road drainages shall be checked to ensure there are none with uncontrolled outlets.
    - i. Be sure all ditch drainages have an outlet to prevent ponding.
    - ii. If necessary, build temporary sediment ponds to capture runoff from unreclaimed areas.
    - iii. Re-route ditches as needed to avoid channeling water through loosened soil.
- 42. Excess material from road blading must not be plowed into drainages. Remove excess material and deposit at approved locations.

# REHABILITATION PROCEDURES

# Site Preparation

43. The entire roadbed should be obliterated and brought back to the approximate original contour. Drainage control is to be reestablished as necessary. All areas affected by road construction are to be recontoured to blend in with the existing topography. All berms are to be removed unless determined to be beneficial by BLM. In recontouring the disturbed areas, care should be taken to not disturb additional vegetation.



- 44. An adequate seedbed should be prepared for all sites to be seeded. Areas to be revegetated should be chiseled or disked to a depth of at least 12 inches unless restrained by bedrock.
- 45. Ripping of fill materials should be completed by a bulldozer equipped with single or a twin set of ripper shanks. Ripping should be done on 4-foot centers to a depth of 12 inches. The process should be repeated until the compacted area is loose and friable, and then shall be followed by final grading. Seedbed preparation will be considered complete when the soil surface is completely roughened and the number of rocks (if present) on the site is sufficient to cause the site to match the surrounding terrain.
- 46. After final grading, the stockpiled topsoil shall be spread evenly across the disturbed area.

# **Fertilization**

- 47. Commercial fertilizer with a formula of 16-16-8 is to be applied at a rate of 200 pounds per acre to the site. The rate may be adjusted depending on soil.
- 48. Fertilizer is to be applied not more than 48 hours before seeding, and shall be cultivated into the upper 3 inches of soil.
- 49. Fertilizer is to be broadcast over the soil using hand-operated "cyclone-type" seeders or rotary broadcast equipment attached to construction or revegetation machinery as appropriate to slope. All equipment should be equipped with a metering device. Fertilizer application is to take place before the final seeding preparation treatment. Fertilizer broadcasting operations should not be conducted when wind velocities would interfere with even distribution of the material.

# <u>Mulching</u>

50. When it is time to reclaim this location, the Price BLM Office will determine whether it will be necessary to use mulch in the reclamation process. The type of mulch should meet the following requirements: Wood cellulose fiber shall be natural or cooked, shall disperse readily in water, and shall be nontoxic. Mulch shall be thermally produced and air dried. The homogeneous slurry or mixture shall be capable of application with power spray equipment. A colored

dye that is noninjurious to plant growth may be used when specified. Wood cellulose fiber is to be packaged in new, labeled containers. A minimum application of 1500 pounds per acre shall be applied. A suitable tackifier shall be applied with the mulch at a rate of 60 to 80 pounds per acre.

a. An alternative method of mulching on small sites would be the application of straw or hay mulch at a rate of 2000 pounds per acre. Hay or straw shall be certified weed free. Following the application of straw or hay, crimping shall occur to ensure retention.

# Reseeding

- 51. All disturbed areas are to be seeded with the seed mixture required by the BLM. The seed mixture(s) shall be planted in the fall of the year (Sept-Nov), in the amounts specified in pounds of pure live seed (PLS)/acre. If fall seeding is not feasible, the seed mixture(s) shall be planted April 30-May 31. There shall be no noxious weed seed in the seed mixture. Seed will be tested and the viability testing of seed shall be done in accordance with State law(s) and within 12 months prior to planting. Commercial seed will be either certified or registered seed. The seed mixture container shall be tagged in accordance with State law(s) and available for inspection by the BLM. Seed is to be planted using a drill equipped with a depth regulator to ensure proper depth of planting where drilling is possible. The seed mixture shall be evenly and uniformly planted over the disturbed area. (Smaller/heavier seeds tend to drop to the bottom of the drill and are planted first. Appropriate measures should be taken to ensure this does not occur.) Where drilling is not possible, seed is to be broadcast and the area raked or chained to cover the seed. Woody species with seeds that are too large for the drill will be broadcast. When broadcasting the seed, the pounds per acre noted below are to be increased by 50 percent.
  - a. Reseeding may be required if a satisfactory stand is not established to the surface rights owner's specifications. Evaluation of the seeding's success will not be made before completion of the second growing season after the vegetation becomes established. The Price BLM Office is to be notified a minimum of seven days before seeding a project.
- 52. The disturbed areas for the road and pipeline must be seeded in the fall of the year, immediately after the topsoil is replaced. The prescribed seed mixture is attached as appendix SM-B.





# <u>General</u>

- 53. Prior to the use of insecticides, herbicides, fungicides, rodenticides and other similar substances, the operator must obtain from BLM, approval of a written plan. The plan must describe the type and quantity of material to be used, the pest to be controlled, the method of application, the location for storage and disposal of containers, and other information that BLM may require. A pesticide may be used only in accordance with its registered uses and within other agency limitations. Pesticides must not be permanently stored on public lands.
- 55. Landscape those areas not required for production to the surrounding topography as soon as possible. The fluids and mud must be dry in the reserve pit before recontouring pit area. The operator will be responsible for re-contouring and reseeding of any subsidence areas that develop from closing a pit before it is completely dry.
- 56. Reduce the backslope to 2:1 and the foreslope to 3:1, unless otherwise directed by the BLM Authorized Officer. Reduce slopes by pulling fill material up from foreslope into the toe of cut slopes.
- 57. Production facilities (including dikes) must be placed on the cut portion of the location and a minimum of 15 feet from the toe of the back cut unless otherwise approved by the BLM Authorized Officer.
- 58. Any spilled or leaked oil, produced water or treatment chemicals must be reported in accordance with NTL-3A and immediately cleaned up in accordance with BLM requirements. This includes clean-up and proper disposition of soils contaminated as a result of such spills/leaks.
- 59. Distribute stockpiled topsoil evenly over those areas not required for production and reseed as recommended.
- 60. Upgrade and maintain access roads and drainage control (e.g., culverts, drainage dips, ditching, crowning, surfacing, etc.) as necessary and as directed by the BLM Authorized Officer to prevent soil erosion and accommodate safe, environmentally-sound access.
- 61. Prior to construction of production facilities not specifically addressed in the APD/POD, the operator shall submit a Sundry Notice to the BLM Authorized Officer for approval.
- 62. If not already required prior to constructing and drilling the well location, the operator shall immediately upgrade the entire access road to BLM standards (including topsoiling, crowning, ditching, drainage culverts, surfacing, etc.) to ensure safe, environmentally-sound, year-round access. This requirement does

- not supercede or any where specific road requirement re addressed in the APD/POD surface ase plan (e.g., two track road, spot apgrade, etc.)
- 63. Please contact Mary Maddux, Natural Resource Specialist, @ (435) 636-3668, Bureau of Land Management, Price, if there are any questions concerning these surface use COAs.



### Seed Mix A1

# Temporary Disturbance (for berms, topsoil piles, pad margins)

## Forbes Lbs

Yellow Sweetclover	2.0 lbs/acre
Ladak Alfalfa	2.0 lbs/acre
Cicer Milkvetch	1.0 lbs/acre
Palmer Penstemon	0.5 lbs/acre

## Grasses Lbs

Crested Wheatgrass	2.0 lbs/acre
Great Basin Wildrye	2.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre

## Total

11.5 lbs/acre

1 Seed mix A is designed for rapid establishment, soil holding ability, and nitrogen fixing capability. C-4 EA, West Tavaputs Plateau Drilling Program

### Seed Mix B

Final Reclamation (for buried pipe lines, abandoned pads, road, etc.)

# Forbes Lbs

Palmer Penstemon	0.5 lbs/acre
Golden Cryptantha	0.25 lbs/acre
Utah Sweetvetch	0.5 lbs/acre
Yellow Sweetclover	2.0 lbs/acre
Lewis Flax	1.0 lbs/acre

## **Grasses Lbs**

Indian Ricegrass	1.0 lbs/acre
Needle & Thread Grass	1.0 lbs/acre
Intermediate Wheatgrass	2.0 lbs/acre
Blue Grama	0.5 lbs/acre
Galletta	0.5 lbs/acre
Great Basin Wildrye	2.0 lbs/acre

## Woody Plants Lbs

Fourwing Saltbush	2.0 lbs/acre
Winterfat	0.5 lbs/acre
Wyoming Big Sage brush	0.25 lbs/acre
Utah Serviceberry	1.0 lbs/acre
Blue Elderberry (Raw Seeds)	1.0 lbs/acre

# Total 16.0 lbs/acre

1 Yellow Sweetclover is planted as a nurse crop to provide solar protection, soil binding and nitrogen fixing. It will normally be crowded out in 2 to 3 years.





# TMC 1: Browse Hand Planting Tubeling Mixtures

One of the two browse species lists (checked below) are to be hand planted at the prescribed application rate and according to the following prescribed methods on areas that are undergoing long term reclamation. The would include all pipeline corridors, berm around edge of drill pads, miscellaneous disturbed areas associated with construction such as staging areas for equipment, sidecast on road cuts, along side upgraded or new roads up to and including borrow ditch and in the termination of redundant access roads being closed. This planting shall be completed in the first planting window following completion of construction and on all other disturbed areas upon final reclamation.

## **Planting Methods:**

Planting shall be accomplished using a labor force with specific experience in landscape restoration, hand planting methods and handling and care of browse tubling and or bareroot stock plants.

Browse plants to be utilized can be bareroot stock or tubling stock plants of 1 year old age class or greater.

Browse seedling protectors will be used to provide protection from browsing ungulates for two years. Seedling protectors will be of an open mesh rigid design that will break down when exposed to sunlight and that measures a minimum of 12 inches in length and 4 inches in diameter.

Planting shall be completed in the spring (March 1-April 1) and or fall (November 1-December 1) planting windows.

Browse plants shall be stored and handled in such a manner as to maintain viability, according to the type of browse stock being used.

### Planting Species and Application Rate:

	[ ] Sagebrush-Grass	[ ] Pinyon-Juniper
	Plants Per Acre	
Species	,	
Wyoming Sagebrush (Gordon Creek)	100	50
Fourwing Saltbush (Utah seed source collected	100	50
at or above 5,000 feet elevati	ion)	
True Mountain Mahogany (Utah seed source)	0	50
Antelope Bitterbrush (Utah seed source)	0	50
Total	200	,
10121	200	200
Suitable Substitutions:		
Utah Serviceberry	no	50
Winterfat	100	no



# APPENDIX B:

APPLICANT-COMMITTED ENVIRONMENTAL PROTECTION MEASURES

# 1.0 INTRODUCTION

Appendix B is part of BBC's Proposed Action for the WTPDP as described in Chapter 2.0, and BBC will comply with the standards, procedures, and requirements contained in Appendix B when implementing the Alternatives unless otherwise provided for by the BLM Authorized Officer (AO). Appendix B describes standard practices utilized to mitigate adverse effects caused by surface-disturbing activities.

## 2.0 STANDARD PRACTICES

The following BMPs/Applicant-Committed Protection Measures (ACEPM) will be applied to all federal lands within the WTPPA by BBC to minimize impacts to the environment. Exception, modification, or waiver of a mitigation requirement may be granted if a thorough analysis by BLM determines that the resource(s) for which the measure was developed will not be impacted by the project activity. Further site-specific mitigation measures may be identified during the application for permit to drill (APD) and/or right-of-way (ROW) application review processes.

# 2.1 PRECONSTRUCTION PLANNING AND DESIGN MEASURES

- 1. BBC and/or their contractors and subcontractors will conduct all phases of project implementation, including well location, road and pipeline construction, drilling and completion operations, maintenance, reclamation, and abandonment in full compliance with all applicable federal, state, and local laws and regulations and within the guidelines specified in approved APDs and ROW permits. BBC will be held fully accountable for their contractor's and subcontractor's compliance with the requirements of the approved permit and/or plan.
- 2. Implementation of site-specific activities/actions will be contingent on BLM determining that the activity/action complies with the following plans:
  - Surface Use Plan and/or Plan of Development; and
  - Site-specific APD plans/reports (e.g., road and wellpad design plans, cultural clearance, special status plant species clearance, etc.).

The above plans may be prepared by the Companies for the project area or submitted incrementally with each APD, ROW application, or Sundry Notice (SN).

### 2.2 ROADS

- 1. BBC will construct roads on private surface in a safe and prudent manner to the specifications of landowners.
- 2. Roads on federal surface will be constructed as described in BLM Manual 9113. Where necessary, running surfaces of the roads will be graveled if the base does not already contain sufficient aggregate.
- 3. Existing roads will be used when the alignment is acceptable for the proposed use. Generally, roads will be required to follow natural contours; provide visual screening by constructing curves, etc.; and be reclaimed to BLM standards.
- 4. To control or reduce sediment from roads, guidance involving proper road placement and buffer strips to stream channels, graveling, proper drainage, seasonal closure, and in some cases, redesign or closure of old roads will be developed when necessary. Construction may also be prohibited during periods when soil material is saturated, frozen, or when watershed damage is likely to occur.
- 5. Available topsoil will be stripped from all road corridors prior to commencement of construction activities and will be redistributed and reseeded on backslope areas of the borrow ditch after completion of road construction activities. Borrow ditches will be reseeded in the first appropriate season after initial disturbance.





- 6. On newly constructed roads and permanent roads, the placement of topsoil, seeding, and stabilization will be required on all cut and fill slopes unless conditions prohibit this (e.g., rock). No unnecessary side-casting of material (e.g., maintenance) on steep slopes will be allowed.
- 7. Reclamation of abandoned roads will include requirements for reshaping, recontouring, resurfacing with topsoil, installation of water bars, and seeding on the contour. Road beds, wellpads, and other compacted areas will be ripped to a depth of 1.0 foot on 1.5 feet centers to reduce compaction prior to spreading the topsoil across the disturbed area. Stripped vegetation will be spread over the disturbance for nutrient recycling, where practical. Fertilization or fencing of these disturbances will not normally be required. Additional erosion control measures (e.g., fiber matting) and road barriers to discourage travel may be required. Graveled roads, wellpads, and other sites will be stripped of usable gravel and hauled to new construction sites prior to ripping as deemed necessary by the AO. The removal of structures such as bridges, culverts, cattleguards, and signs will usually be required.
- 8. Main artery roads, regardless of the primary user, will be crowned, ditched, drained, and, if deemed appropriate by the AO, surfaced with gravel.
- 9. Unnecessary topographic alterations will be mitigated by avoiding, where possible, steep slopes, rugged topography, and perennial and ephemeral/intermittent drainages, and by minimizing the area disturbed.
- 10. Upon completion of construction and/or production activities, the Companies will restore, to the extent practicable, the topography to near pre-existing contours at well sites, access roads, pipelines, and other facility sites.
- 11. Existing roads will be used to the maximum extent possible and upgraded as necessary.
- 12. BBC will comply with existing federal, state, and county requirements and restrictions to protect road networks and the traveling public.
- 13. Special arrangements will be made with the Utah Department of Transportation to transport oversize loads to the project area. Otherwise, load limits will be observed at all times to prevent damage to existing road surfaces.
- 14. All development activities along approved ROWs will be restricted to areas authorized in the approved ROW.
- 15. Roads and pipelines will be located adjacent to existing linear facilities wherever practical.
- 16. BBC and/or their contractors will post appropriate warning signs and require project vehicles to adhere to appropriate speed limits on project-required roads, as deemed necessary by the AO.
- 18. BBC will be responsible for necessary preventative and corrective road maintenance for the duration of the project. Maintenance responsibilities may include, but are not limited to, blading, gravel surfacing, cleaning ditches and drainage facilities, dust abatement, noxious weed control, or other requirements as directed by the AO.



# 2.3 WELLPADS AND FACILITIES

- 1. In conformance with Onshore Oil and Gas Order No. 1, BBC will prepare and submit individual comprehensive drill site design plans for BLM approval. These plans will show the drill location layout over the existing topography; dimensions of the location; volumes and cross sections of cut and fill; location and dimensions of reserve pits; existing drainage patterns; and access road egress and ingress. Plans will be submitted and approved prior to initiation of construction.
- 2. No surface disturbance is recommended on slopes in excess of 25% unless erosion controls can be ensured and adequate revegetation is expected. Engineering proposals and revegetation and restoration plans will be required in these areas.
- 3. Reserve pits will be constructed to ensure protection of surface and ground water. The review to determine the need for installation of lining material will be done on a case-by-case basis and consider soil permeability, water quality, and depth to ground water.
- 4. Reserve pit liners will have a mullen burst strength that is equal to or exceeds 300 pounds, a puncture strength that is equal to or exceeds 160 pounds, and grab tensile strengths that are equal to or exceed 150 pounds. There will be verified test results conducted according to ASTM test standards. The liner will be totally resistant to deterioration by hydrocarbons.
- 5. Produced water from oil and gas operations will be disposed of in accordance with the requirements of Onshore Oil and Gas Order #7.
- 6. Pits will be fenced as specified in individual authorizations. Any pit containing harmful fluids will be maintained in a manner that will prevent migratory bird mortality.
- 7. Disturbances will be managed/reclaimed for zero runoff from the wellpad or other facility until the area is stabilized. All excavations and pits will be closed by backfilling and contouring to conform to surrounding terrain. On wellpads and other facilities, the surface use plan will include objectives for successful reclamation including soil stabilization, plant community composition, and desired vegetation density and diversity.
- 8. On producing wells, BBC will reduce slopes to original contours (not to exceed 3:1 slopes). Areas not used for production purposes will be backfilled and blended into the surrounding terrain, reseeded, and erosion control measures installed. Erosion control measures will be required after slope reduction. Mulching, erosion control measures, and fertilization may be required to achieve acceptable stabilization.
- 9. Abandoned sites will be satisfactorily rehabilitated in accordance with the approved APD.

### 2.4 PIPELINES

- 1. Pipeline construction methods and practices will be completed in such a manner so as to obtain good reclamation and the re-establishment of the native plant community.
- 2. On ditches exceeding 24 inches in width, 6 to 12 inches of surface soil will be salvaged on the entire right-of-way, where practicable. When pipelines are buried, there will be at least 30 inches of backfill on top of the pipe. Backfill will not extend above the original ground level after the fill has settled. Guides for construction and water bar placement found in "Surface Operating Standards for Oil and



Gas Exploration and Development" (BLM and USFS 1989) will be followed. Bladed surface materials will be re-spread upon the cleared route once construction is completed. Disturbed areas that have been reclaimed will be fenced when the route is near livestock watering areas at the discretion of the AO.

- 3. Pipeline ROWs will be located to minimize soil disturbance to the greatest extent practicable. Mitigation will include locating pipeline ROWs adjacent to access roads to minimize ROW disturbance widths, or routing pipeline ROWs directly to minimize disturbance lengths.
- 4. Existing crowned and ditched roads will be used for access where possible to minimize surface disturbances. Clearing of pipeline ROWs will be accomplished with the least degree of disturbance to topsoil. Where topsoil removal is necessary, it will be stockpiled (windrowed) and re-spread over the disturbed area after construction and backfilling are completed. Vegetation removed from the ROW will also be re-spread to provide protection, nutrient recycling, and a seed source.
- 5. Temporary disturbances which do not require major excavation (e.g., small pipelines) may be stripped of vegetation to ground level using mechanical treatment, leaving topsoil intact and root masses relatively undisturbed.
- 6. To promote soil stability, backfill over the trench will be compacted so as not to extend above the original ground level after the fill has settled. Wheel or other methods of compacting the pipeline trench backfill will occur at two levels to reduce trench settling and water channeling—once after 3 feet of fill has been replaced and once within 6-12 inches of the surface. Water bars, mulching, and terracing will be installed, as needed, to minimize erosion. Instream protection structures (e.g., drop structures) in drainages crossed by a pipeline will be installed at the discretion of the AO to prevent erosion.
- 7. BBC will adhere to the following procedures regarding the installation of pipelines during periods when the earth is frozen.
  - The BLM Price Field Office will be contacted at least 10 days prior to anticipated start of project.
     The project will not proceed until such time as authorization from BLM has been received by the Companies.
  - A BLM representative will be on the ground at the beginning of construction.
  - Snow, if present, will be removed utilizing a motor grader.
  - Vegetation will be scalped and windrowed to one side of the right-of-way.
  - A wheel trencher will be used to remove approximately 6-8 inches of topsoil from the top of the pipeline ditch and windrow it to one side.
  - A trench approximately 4 feet deep will be dug using a wheel trencher and the soil will be stockpiled to one side, making sure the top soil or spoil do not get mixed together.
  - The pipeline will be installed, the trench backfilled, and the spoil compacted in the trench.
  - Stockpiled topsoil will be placed in the trench and compacted.
  - Scalped vegetation back will be placed back on right-of-way using a motor grader.
  - · The entire right-of-way will be reseeded as normal in the spring after the thaw.

These procedures will be incorporated in every Plan of Development where construction in frozen earth is anticipated.



# 2.5 AIR QUALITY

- 1. BBC will comply with all applicable local, state, and federal air quality laws, statutes, regulations. standards, and implementation plans.
- 2. BBC will obtain all necessary air quality permits from UDAQ to construct, test, and operate facilities.
- 3. All internal combustion equipment will be kept in good working order.
- The Companies will use water at construction sites, as necessary, to abate fugitive dust.
- The Companies will not allow any open burning of garbage or refuse at well sites or other facilities.

### 2.6 VEGETATION

- 1. Removal and disturbance of vegetation will be kept to a minimum through construction site management (e.g., using previously disturbed areas and existing easements, limiting equipment/materials storage yard and staging area size, etc.).
- 2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts in areas of high value (e.g., sensitive species habitats, wetland/riparian areas).

### 2.7 SOILS

- 1. Surface-disturbing activities will be examined on a site-specific basis, evaluating the potential for soil loss and the compatibility of soil properties with project design. Stipulations and mitigating measures will be developed on a case-by-case basis to ensure soil conservation and practical management.
- 2. BBC will restrict construction activities during periods when soils are saturated and excessive rutting (>4 inches with multiple passes) would occur.
- 3. Salvage and subsequent replacement of topsoil will occur for surface-disturbing activities wherever specified by the AO.
- 4. Before a surface-disturbing activity is undertaken, topsoil depth will be determined and the amount of topsoil to be removed, along with topsoil placement areas, will be specified in the authorization. The uniform distribution of topsoil over the area to be reclaimed will occur unless conditions warrant a varying depth. On large surface-disturbing projects topsoil will be stockpiled and seeded to reduce erosion. Where feasible, topsoil stockpiles will be designed to maximize surface area to reduce impacts to soil microorganisms. Areas used for spoil storage will be stripped of topsoil before spoil placement, and the replacement of topsoil after spoil removal will be required.
- 5. BBC will avoid adverse impacts to soils by:
  - minimizing the area of disturbance;
  - avoiding construction with frozen soil materials to the extent practicable;
  - avoiding areas with high erosion potential (e.g., unstable soil, dunal areas, slopes greater than 25%, floodplains), where practicable:
  - salvaging and selectively handling topsoil from disturbed areas;
  - adequately protecting stockpiled topsoil and replacing it on the surface during reclamation;
  - leaving the soil intact (scalping only) during pipeline construction, where practicable;





- using appropriate erosion and sedimentation control techniques including, but not limited to, diversion terraces, riprap, and matting;
- promptly revegetating disturbed areas using adapted species;
- applying temporary erosion control measures such as temporary vegetation cover, application of mulch, netting, or soil stabilizers; and/or
- constructing barriers, as appropriate, to minimize wind and water erosion and sedimentation prior to vegetation establishment.
- 6. Appropriate erosion control and revegetation measures will be employed. Grading and landscaping will be used to minimize slopes, and water bars will be installed on disturbed slopes in areas with unstable soils where seeding alone may not adequately control erosion. Erosion control efforts will be monitored by the Companies and necessary modifications made to control erosion.
- 7. Sufficient topsoil or other suitable material to facilitate revegetation will be segregated from subsoils during all construction operations requiring excavation and will be returned to the surface upon completion of operations. Soils compacted during construction will be ripped and tilled as necessary prior to reseeding. Cut and fill sections on all roads and along pipelines will be revegetated with native species.
- 8. Any accidental soil contamination by spills of petroleum products or other hazardous materials will be cleaned up by the Companies and the soil disposed of or rehabilitated according to applicable rules.
- 9. BBC will restrict off-road vehicle (ORV) activity by employees and contract workers to the immediate area of authorized activity or existing roads and trails.

### 2.8 RECLAMATION

- 1. BBC's reclamation goals will emphasize: 1) protection of existing native vegetation; 2) minimal disturbance of the existing environment; 3) soil stabilization through establishment of ground cover; and 4) establishment of native vegetation consistent with land use planning.
- 2. All reclamation will be accomplished as soon as possible after the disturbance occurs with efforts continuing until a satisfactory revegetation cover is established.
- 3. Seed mixtures for reclaimed areas will be site-specific, composed of native species, and will include species promoting soil stability. A pre-disturbance species composition list will be developed if the site includes several different plant communities. Livestock palatability and wildlife habitat needs will be given consideration during seed mix formulation. BLM Manual 1745, Introduction, Transplant, Augmentation, and Reestablishment of Fish, Wildlife, and Plants, and Executive Order No. 11987, Exotic Organisms, will be used as guidance.
- 4. Interseeding, secondary seeding, or staggered seeding may be used to accomplish revegetation objectives. During rehabilitation of areas in important wildlife habitat, provision will be made for the establishment of native browse and forb species. Follow-up seeding or corrective erosion control measures will occur on areas where initial reclamation efforts are unsuccessful.
- 5. Any mulch used by BBC will be weed free and free from mold, fungi, or noxious weed seeds. Mulch may include native hay, small grain straw, wood fiber, live mulch, cotton, jute, synthetic netting, and rock. Straw mulch will contain fibers long enough to facilitate crimping and provide the greatest cover.



- 6. BBC will be responsible for the control of all noxious weed infestations on disturbed surfaces. Aerial application of chemicals will be prohibited within 0.25 mile of special status plant locations, and hand application will be prohibited within 500 feet. Herbicide application will be monitored by the AO.
- 7. Recontouring and seedbed preparation will occur immediately prior to reseeding on the unused portion of wellpads, road ROWs, and entire pipeline ROWs outside of road ROWs. In the event of uneconomical wells, BBC will initiate reclamation of the entire wellpads, access road, and adjacent disturbed habitat as soon as possible. BBC assumes the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which results in the proper reclamation of disturbed lands. BBC will monitor reclamation to determine and ensure successful establishment of vegetation. No consent to termination of any bond will be given by the AO until all the terms and conditions of the approved permit(s) have been met.
- 8. Proper erosion and sediment control structures and techniques will be incorporated by the Companies into the design of wellpads, roads, pipelines, and other facilities. Revegetation using a BLM-approved, locally adapted seed mixture containing native grasses, forbs, and shrubs will begin in the first appropriate season following disturbance. Vegetation removed will be replaced with plants of equal forage value and growth form using procedures that include:
  - fall reseeding (September 15 to freeze-up), where feasible;
  - spring reseeding (April 30 May 31) if fall seeding is not feasible;
  - · deep ripping of compacted soils prior to reseeding;
  - surface pitting/roughening prior to reseeding;
  - · utilization of native cool season grasses, forbs, and shrubs in the seed mix;
  - interseeding shrubs into an established stand of grasses and forbs at least one year after seeding;
  - · appropriate, approved weed control techniques;
  - · broadcast or drill seeding, depending on site conditions; and
  - fencing of certain sensitive reclamation sites (e.g., riparian areas, steep slopes, and areas within 0.5 mile of livestock watering facilities) as determined necessary through monitoring.
- 9. BBC will monitor noxious weed occurrence on the project area and implement a noxious weed control program in cooperation with BLM. Weed-free certification by county extension agents will be required for grain or straw used for mulching revegetated areas.

#### 2.9 CANDIDATE PLANTS/SPECIAL STATUS PLANTS

- 1. Herbicide applications will be kept at least 500 feet from known special status plant species populations or other distances deemed safe by the AO.
- 2. Wellpads and associated roads and pipelines will be located to avoid or minimize impacts to areas of high value (e.g., special status plant species habitats, wetland/riparian areas).

### 2.10 WATERSHEDS

1. Crossings of ephemeral, intermittent, and perennial streams associated with road and utility line construction will generally be restricted until normal flows are established after spring runoff.



### 2.11 GEOLOGICAL/PALEONTOLOGICAL RESOURCES

- 1. Wells, pipelines, and ancillary facilities will be designed and constructed such that they will not be damaged by moderate earthquakes. Any facilities defined as critical according to the Uniform Building Code will be constructed in accordance with applicable Uniform Building Code Standards for Seismic Risk Zone 2B.
- 2. If paleontological resources are uncovered during surface-disturbing activities, BBC will suspend operations at the site that will further disturb such materials and immediately contact the AO, who will arrange for a determination of significance, and, if necessary, recommend a recovery or avoidance plan.

### 2.12 CULTURAL/HISTORICAL RESOURCES

- 1. BBC will follow the cultural resources and recovery plan for the project.
- 2. If cultural resources are located within frozen soils or sediments that preclude the possibility of adequately recording or evaluating the find, construction work will cease and the site will be protected for the duration of frozen soil conditions. Recordation, evaluation and recommendations concerning further management will be made to the AO following natural thaw. The AO will consult with the affected parties and construction work will resume once management of the threatened site has been finalized and the Notice to Proceed has been issued.
- 3. BBC will inform their employees, contractors and subcontractors about relevant federal regulations intended to protect archaeological and cultural resources. All personnel will be informed that collecting artifacts, including arrowheads, is a violation of federal law and that employees engaged in this activity may be subject to disciplinary action.

### 2.13 WATER RESOURCES

- 1. BBC will maintain a complete copy of the SPCC Plan at each facility if the facility is normally attended at least 8 hours per day, or at the nearest field office if the facility is not so attended (40 CFR 112.3(e)).
- 2. BBC will implement and adhere to SPCC Plans in a manner such that any spill or accidental discharge of oil will be remediated. An orientation will be conducted by the Companies to ensure that project personnel are aware of the potential impacts that can result from accidental spills, as well as the appropriate recourse if a spill does occur. Where applicable and/or required by law, streams at pipeline crossings will be protected from contamination by pipeline shutoff valves or other systems capable of minimizing accidental discharge.
- 3. If reserve pit leakage is detected, operations at the site will be curtailed, as directed by the BLM, until the leakage is corrected.
- 4. BBC will case and cement all gas wells to protect subsurface mineral and freshwater zones. Unproductive wells and wells that have completed their intended purpose will be properly abandoned and plugged using procedures identified by BLM (federal mineral estate) and/or WOGCC (state and fee mineral estate).





- 5. All water used in association with this project will be obtained from sources previously approved by the Utah State Engineer's Office.
- 6. Erosion-prone or high salinity areas will be avoided where practicable. Necessary construction in these areas will be timed to avoid periods of greatest runoff.
- 7 BBC will incorporate proper containment of condensate and produced water in tanks and drilling fluids in reserve pits, and will locate staging areas for storage of equipment away from drainages to prevent contaminants from entering surface waters.
- 8. Prudent use of erosion control measures, including diversion terraces, riprap, matting, temporary sediment traps, and water bars will be employed by the Companies as necessary. These erosion control measures will be used as appropriate to control surface runoff generated at wellpads. The type and location of sediment control structures, including construction methods, will be described in APD and ROW plans. If necessary, BBC may treat diverted water in detention ponds prior to release to meet applicable state or federal standards.
- 9. BBC will construct channel crossings by pipelines so that the pipe is buried at least 3 feet below the channel bottom.
- 10. Streams/channels crossed by roads will have culverts installed at all appropriate locations as specified in the BLM Manual 9112-Bridges and Major Culverts and Manual 9113-Roads. Streams will be crossed perpendicular to flow, where possible, and all stream crossing structures will be designed to carry the 25-year discharge event or other capacities as directed by the AO.
- 11. BBC will reshape disturbed channel beds to their approximate original configuration.
- 12. The disposal of all hydrostatic test water will be done in conformance with BLM Onshore Oil and Gas Order No. 7. BBC will comply with state and federal regulations for water discharged into an established drainage channel. The rate of discharge will not exceed the capacity of the channel to convey the increased flow. Waters that do not meet applicable state or federal standards will be evaporated, treated, or disposed of at an approved disposal facility.
- 13. BBC will prepare Storm Water Pollution Prevention Plans (SWPPPs) as required by WDEQ National Pollution Discharge Elimination System (NPDES) permit requirements on individual disturbances that exceed 5 acres in size or as required by future changes in regulations.
- 14. Any disturbances to wetlands and/or waters of the U.S. will be coordinated with the COE, and 404 permits will be secured as necessary prior to disturbance.
- 15. Where disturbance of wetlands, riparian areas, streams, or ephemeral/intermittent stream channels cannot be avoided, COE Section 404 permits will be obtained by BBC as required, and, in addition to applicable above-listed measures, the following measures will be applied where appropriate:
  - wetland areas will be crossed during dry conditions (i.e., late summer, fall, or dry winters);
  - streams, wetlands, and riparian areas disturbed during project construction will be restored to as
    near re-project conditions as practical and, if impermeable soils contributed to wetland formation,
    soils will be compacted to reestablish impermeability;
  - wetland topsoil will be selectively handled:
  - · disturbed areas will be recontoured and BLM-approved species will be used for reclamation; and



reclamation activities will begin on disturbed wetlands immediately after completion of project activities.

#### **2.14 NOISE**

1. All engines required for project activities will be properly muffled and maintained in accordance with state and federal laws.

## 2.15 WILDLIFE, FISHERIES, AND THREATENED AND ENDANGERED (T&E) SPECIES

- 1. To minimize wildlife mortality due to vehicle collisions, BBC will advise project personnel regarding appropriate speed limits in the project area. Roads no longer required for operations will be reclaimed as soon as possible. Potential increases in poaching will be minimized through employee and contractor education regarding wildlife laws. If wildlife law violations are discovered, the offending employee will be subject to disciplinary action by BBC.
- 2. BBC will protect (e.g., fence or net) reserve, workover, and production pits potentially hazardous to prohibit wildlife access as directed by BLM.
- 3. BBC will utilize wildlife-proof fencing on reclaimed areas in accordance with standards specified in BLM Handbook 1741-1, Fencing, if it is determined that wildlife are interfering with successful reestablishment of vegetation.
- 4. Consultation and coordination with USFWS and UDWR will be conducted for all mitigation activities relating to raptors and T&E species and their habitats, and all permits required for movement, removal, and/or establishment of raptor nests will be obtained.
- 5. BBC will adhere to all survey, mitigation, and monitoring requirements identified in the Biological Assessment prepared for this project.

### 2.16 LIVESTOCK/GRAZING MANAGEMENT

- 1. BBC will reclaim nonessential areas disturbed during construction activities in the first appropriate season after well completion.
- 2. Nonessential areas include portions of the wellpads not needed for production operations, the borrow ditch and outslope portions of new road ROWs, entire pipeline ROWs outside of road ROWs, and all roads and associated disturbed areas at nonproductive wells.
- 3. BBC will repair or replace fences, cattleguards, gates, drift fences, and natural barriers to current BLM standards. Cattleguards will be used instead of gates for livestock control on most road ROWs. Livestock will be protected from pipeline trenches, and livestock access to existing water sources will be maintained.
- 4. BBC will review livestock impacts from roads or disturbance from construction and drilling activities at least annually with livestock permittees and BLM. Appropriate measures will be taken to correct any adverse impacts, should they occur.



#### 2.17 RECREATION

- 1. BBC will instruct employees, contractors, and subcontractors that camp sites on federal lands or at federal recreation sites must not be occupied for more than 14 consecutive days.
- 2. BBC will require that employees, contractors, and subcontractors abide by all state and federal laws and regulations regarding hunting.

### 2.18 VISUAL RESOURCES

- 1. Pipeline ROWs will be located within existing ROWs whenever possible, and aboveground facilities not requiring safety coloration will be painted with appropriate nonreflective standard environmental colors (Carlsbad Canyon or Desert Brown, or other specified standard environmental colors) as determined by the AO. Topographic screening, vegetation manipulation, project scheduling, and traffic control procedures may all be employed, as practicable, to further reduce visual impacts.
- 2. Within VRM Class II areas, BBC will utilize existing topography to screen roads, pipeline corridors. drill rigs, wells, and production facilities from view where practicable. The Companies will paint all aboveground production facilities with appropriate colors (e.g., Carlsbad Canyon or Desert Brown) to blend with adjacent terrain, except for structures that require safety coloration in accordance with OSHA requirements.

#### 2.19 HEALTH AND SAFETY/HAZARDOUS MATERIALS

- 1. BBC will utilize BLM-approved portable sanitation facilities at drill sites; place warning signs near hazardous areas and along roadways; place dumpsters at each construction site to collect and store garbage and refuse; ensure that all refuse and garbage is transported to a State-approved sanitary landfill for disposal; and institute a Hazard Communication Program for its employees and require subcontractor programs in accordance with OSHA (29 CFR 1910.1200).
- 2. In accordance with 29 CFR 1910.1200, a Material Safety Data Sheet for every chemical or hazardous material brought on-site will be kept on file BBC's field offices.
- 3. Chemicals and hazardous materials will be inventoried and reported by BBC in accordance with the SARA Title III (40 CFR 335). If quantities exceeding 10,000 pounds or the threshold planning quantity are to be produced or stored, BBC will submit appropriate Section 311 and 312 forms at the required times to the State and County Emergency Management Coordinators and the local fire departments.
- 4. BBC will transport and/or dispose of any hazardous wastes, as defined by the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, in accordance with all applicable federal, state, and local regulations.
- 5. BBC commits to the following practices regarding hazardous material containment.
  - All storage tank batteries that contain any oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety will be surrounded by a secondary means of containment for the entire contents of the largest single tank in use plus freeboard for precipitation, or to contain 110% of the capacity of the largest vessel. The appropriate containment and/or diversionary structures or equipment, including walls and floor, will contain

any oil, glycol or produced water and shall be constructed so that any discharge from a primary containment system, such as a tank or pipe, will not drain, infiltrate, or otherwise escape to ground or surface waters before cleanup is completed.

- Treaters, dehydrators and other production facilities that have the potential to leak or spill oil, glycol, produced water, or other fluid which may constitute a hazard to public health or safety, shall be placed on or within appropriate containment and/or diversionary structure to prevent spilled or leaking fluid from reaching ground or surface waters. The appropriate containment and/or diversionary structure will be sufficiently impervious to oil, glycol, produced water, or other fluid and will be installed so that any spill or leakage will not drain, infiltrate, or otherwise escape to ground or surface waters prior to completion of cleanup.
- Notice of any spill or leakage, as defined in BLM NTL 3A, will be immediately reported to the AO by the Companies as well as to such other federal and state officials as required by law. Oral notice will be given as soon as possible, but within no more than 24 hours, and those oral notices will be confirmed in writing within 72 hours of any such occurrence.

### C. REQUIRED APPROVALS, REPORTS AND NOTIFICATIONS

Required verbal notifications are summarized in Table 1, attached.

<u>Building Location</u>- Notify the Price Field Office at least 48-hours prior to commencing construction of location.

<u>Spud</u>- Notify the Price Field Office 24-hours prior to spud. Submit written notification (Sundry Notice, Form 3160-5) to the Moab Field Office within 24-hours after spud, regardless of whether using a dry hole digger or big rig.

<u>Daily Drilling Reports</u>- Daily drilling reports that describe the progress and status of the well shall be submitted to the Moab Field Office on at least a weekly basis. This report may be in any format customarily used by the operator.

Oil and Gas Operations Reports (OGORs)- Production from this well shall be reported to Minerals Management Service (MMS) on a monthly basis.

<u>Sundry Notices</u>- Any modification to the proposed drilling program shall be submitted to the Moab Field Office on a Sundry Notice (Form 3160-5). Regulations at 43 CFR 3162.3-2 describe which operations require prior approval, and which require notification.

<u>Drilling Suspensions</u>- Operations authorized by this permit shall not be suspended for more than 30 days without prior approval of the Moab Field Office. All conditions of this approval shall be applicable during any operations conducted with a replacement rig.

<u>Undesirable Events</u>- Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be immediately reported to the BLM in accordance with requirements of NTL-3A.

<u>Cultural Resources</u>- If cultural resources are discovered during construction, immediately notify the Price Field Office, and work that might disturb the cultural resources shall cease.

<u>First Production</u>- A first production conference will be scheduled as soon as the productivity of the well is apparent. This conference should be coordinated through the Price Field Office.

Notify the Moab Field Office when the well is placed into production. Initial notification may be verbal, but must be confirmed in writing within five business days. Please include the date production started, the producing formation and production volumes.

Well Completion Report- Whether the well is completed as a dry hole or as a producer, a Well Completion or Recompletion Report and Log (Form 3160-4) shall be submitted to the Moab Field Office within thirty-days after completion of the well. Two copies of all logs, core descriptions, core analyses, well test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. When requested, samples (cuttings and/or samples) will be submitted to the Moab Field Office.

<u>Venting/Flaring of Gas</u>- Gas produced from this well may not be vented/flared beyond an initial, authorized test period of 30 days or 50 MMcf, whichever first occurs, without the prior, written approval of the Moab Field Office. Should gas be vented or flared without approval beyond the authorized test period, the well may be ordered to be shut-in until the gas can be captured or until approval to continue the venting/flaring pursuant to NTL-4A is granted. Compensation shall be due for gas that is vented/flared without approval.

<u>Produced Water-</u> An application for approval of a permanent disposal method and location will be submitted to the Moab Field Office for approval pursuant to Onshore Oil and Gas Order No.7.

Off-Lease Measurement, Storage, Commingling- Prior approval must be obtained from the Moab Field Office for off-lease measurement, off-lease storage and/or commingling of production prior to the sales measurement point. The term "commingling" describes both the combining of production from different geologic zones and/or combining production from different leases or agreement areas.

<u>Plugging and Abandonment</u>- If the well is a dry hole, plugging instructions must be obtained from the Moab Field Office prior to initiating plugging operations.

A "Subsequent Report of Abandonment" (Sundry Notice, Form 3160-5) will be filed with the Moab Field Office within thirty-days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Upon completion of approved plugging, a regulation marker will be erected in accordance with 43 CFR 3162.6. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the Price Field Office or the appropriate surface managing agency.

#### TABLE 1

### **NOTIFICATIONS**

Notify Don Stephens (435-636-3608) or Mary Maddux (435-636-3668) of the BLM Price Field Office for the following:

- 2 days prior to commencement of dirt work, construction and reclamation;
- 1 day prior to spud;
- 50 feet prior to reaching the surface casing setting depth;
- 3 hours prior to testing BOP equipment.

If the person at the above number cannot be reached, notify the BLM Moab Field Office at 435-259-2100.

Well abandonment operations require 24-hour advance notice and prior approval. In the case of newly drilled dry holes, verbal approval can be obtained from:

Eric Jones, Petroleum Engineer

Office: 435-259-2117

Home: 435-259-2214



## DIVISION OF OIL, GAS AND MINING

### **SPUDDING INFORMATION**

Name of Co	ompany:	BILL	<u> BARI</u>	RETT CORPO	RATION			
Well Name	:	PETERS POINT U FED 14-25D-12-16						
Api No <u>:</u>	43-007-30	0812		_Lease Type:	FED <u>E</u> RAL			
Section 36	_Township_	12S Range	_16E	County	CARBON			
Drilling Co	ntractor	PETE MA	<u>ARTIN</u>	'S DRILLING	RIG #			
SPUDDI	Date	07/4/05		<del></del>				
		DRY						
<i>Drilling</i> w	vill Comme	ence:						
Reported by	У	MATT E	BARBE	CR				
Telephone #	# <u></u> _							
Date	07/19/2005_	Signe	d	CHD				

FORM 6

# STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM					
Operator:	Bill Barrett Corporation	Operator Account Number: Natle5			
Address:	1099 18th Street, Suite 2300				
	city Denver	Phone Number: (303) 312-8168			

Entity Assignment
Effective Date
7-20-05
_

Action Cods	Current Entit	y. N	ew Entity	Spud Da	l <b>o</b>	Entity Est	/ Assignment ective Date
	Number		Number	<u> </u>			

API Number	Well No	ame	QQ (	Sec Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spu	d Date	Entity Effe	Assignment active Date
Comments:						<u> </u>

### ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to enother existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

Matt	Barber
------	--------

Name (Please Print)

· Matt Barber

Signature

Title

Contract BBC Permit Analyst

7/13/2005

Date

(5/2000)

JUL 1 3 2005

RECEIVED

### **UNITED STATES** DEPARTMENT OF THE INTERIOR



Water Disposal

FORM APPROVED

		1			Expires. March 51, 2007
1	BUREAU OF LAND MAN	NAGEMENT		5. Lease Serial	l No.
SUNDRY	NOTICES AND RE	PORTS ON WE	LLS	UTU 068	31
	nis form for proposals a ell. Use Form 3160 - 3 (			6. If Indian,	Allottee or Tribe Name
SUBMIT IN TR	IPLICATE- Other inst	ructions on rever	se side.	l	CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other			8. Well Nam	Point Unit ne and No.
2. Name of Operator Bill Barrett	Corneration				Point Unit Fed 16-26D-12-16
				9. API Wel	
3a. Address 1099 18th Street, Suite 2300, D	Innuar CO 90707	3b. Phone No. (include 303-312-8168	area code)	4300730	
		303-312-6108	-		Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	1., R., M., or Survey Description)				r Parish, State
NWNW, 567' FNL, 1013' FW	L, Sec. 36-T12S-R16E			County 0.	o ransii, state
				Carbon,	, UT
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, RE	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION		TYI	PE OF ACTION		
Notice of Intent  ✓ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production (Star Reclamation Recomplete	t/Resume)	Water Shut-Off  Well Integrity  Other Weekly Activity
tanana	Change Plans	Plug and Abandon	Temporarily Aba	andon	Report
Final Abandonment Notice	Commente Intention	Dlum Durah	[]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]		

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

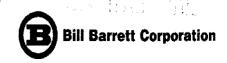
Plug Back

WEEKLY DRILLING ACTIVITY REPORT FROM 07/04/05 - 07/17/2005.

Convert to Injection

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1			
Matt Barber	Title	Contract Permit Ar	nalyst for the Bill Barrett Corp.	
Signature Math Bale		e 07/19/2005		
THIS SPACE FOR FEDER	AL OR	STATE OFFIC	E USE	
Approved by		Title	Date	
Conditions of approval, if any, are attached. Approval of this notice does not we certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon.		Office		

(Instructions on page 2)



Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/17/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #: 14

Spud Date: 7/4/2005

Days From Spud: 13

Depth At 06:00:

Estimated Total Depth:

7485 8354

Morning Operations: directional drilling

Remarks:

Time To Description **RIG 136 HAS 1255 DAYS NO LTA** SAFETY MEETING; mixing mud

12:00:00 PM

drill & slide,f/ 7200' to 7279',mwd every 90',slide 10' every 90'

DAILY WATER; 540

TOTAL

12:30:00 PM rig sevice **WATER**; 6080

1-8" MTR, 196-JT 5.5" 17#

6:00:00 AM

drill & slide, f 7279' to 7485', slide10' every 90', mwd survey every 90'

7-8" DC, 21-6.5" DC, 353 JT 4.5" DP CCSG, 1-JT 9.625 CSG

DAILY MUD MTR HRS

-23.5

TOTAL MTR HRS -209

total mtr hrs= 58 (6040)

DAPP - 5.00

Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/16/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #:

Soud Date: 7/4/2005

Depth At 06:00:

7200

Morning Operations: dir drilling

Days From Spud: 12

Estimated Total Depth:

8354

Time To

12:30:00 PM

1:00:00 PM

6:00:00 AM

Time To

7:30:00 AM

1:30:00 PM

Remarks:

RIG 136 HAS 1254 DAYS NO LTA Description

SAFETY MEETING; making connection

DAILY WATER; 240

TOTAL 1-8" MTR,

WATER; 5540

196-JT 5.5" 17#

7-8" DC, 21-6.5" DC, 353 JT 4.5" DP CCSG, 1-JT 9.625 CSG

DAILY MUD MTR HRS

-23.5

TOTAL MTR HRS - 185.5

total mtr hrs= 34.5 (6040)

DAPP - 5.00

Well: Peter's Point #16-26D-12-16

drill & slide, 6903' to 7200',mwd every 90'

drill & slide,f/6800' to 6903'

APL#: 43-007-30812

Operations Date: 7/15/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Description

ria service

Area: Nine Mile Canyon

Report #: 12

Depth At 06:00:

6800

8354

Spud Date: 7/4/2005 Morning Operations: directional drilling

Estimated Total Depth:

Remarks:

RIG 136 HAS 1253 DAYS NO LTA SAFETY MEETING; mixing mud..

DAILY WATER; 480

TOTAL

WATER: 5300 check flow, pump pill, pooh w/bit #3function test bop

7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

1-8" MTR 196-JT 5.5" 17#

7:00:00 PM change mtr & bit, test mwd, tih, fill pipe, tih

drill & slide,f5960 to 6096,mwd survey every 90',slide 12' every 90'

drill & slide, f 6096' to 6450', mwd survey every 90', slide 12 every 90'

Days From Spud:

11

10

CCSG, 1-JT 9.625 CSG

DAILY MUD MTR HRS TOTAL MTR HRS - 162

6:00:00 AM drill & slide,6468' to 6800', mwd every 90'

-12.5total mtr hrs= 11 (6040)

DAPP - 5.00

Well: Peter's Point #16-26D-12-16

drill & slide, f / 5450' to 5468'

API#: 43-007-30812

Operations Date: 7/14/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Spud Date: 7/4/2005 Days From Spud: Area: Nine Mile Canyon

Report #: Depth At 06:00:

6450

Morning Operations: directional drilling

Estimated Total Depth:

8354

Description

to drop angle

Remarks:

RIG 136 HAS 1252 DAYS NO LTA

SAFETY MEETING; electrical safety

TOTAL 1-8" MTR, 7-8"

DAILY

WATER; 4820 DC, 21-6.5" DC, 353 JT 4.5" DP

196-JT 5.5" 17# DAILY MUD MTR HRS

CCSG, 1-JT 9.625 CSG -23.5

WATER; 360

TOTAL MTR HRS - 149.5

DAPP - 5.00

Report By Wellcore

Time To

1:30:00 PM

2:00:00 PM

6:00:00 AM

July 19, 2005 02:54 PM



Well : Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/13/2005

Surface Location: NWNW-36-12S-16 F 26th PM

Area: Nine Mile Canyon

Report #: 10

Spud Date: 7/4/2005

Days From Spud:

Depth At 06:00:

5960

Morning Operations: DIRECTIONAL DRILLING

Estimated Total Depth:

8354

Time To

8:30:00 AM

DRILL & SLIDE ,f5470' to 5533'

Remarks:

RIG 136 HAS 1251 DAYS NO LTA

SAFETY MEETING: PICKING UP PIPE

DAILY WATER; 450

**TOTAL WATER; 4460** 

7-JT 5.5"

DAILY MUD

TOTAL MTR HRS

9:00:00 AM tighten up rotating head.

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

7-JT 5.5" DAILY MUD

12:00:00 PM drill & slide 5533' to 5596', mwd survey every 90', slide 10' every 30'

Description

17# CCSG, 1-JT 9.625 CSG MTR HRS -23

Remarks:

DAILY WATER, 100

MTR HRS -23

- 103

TOTAL WATER; 4010

17# CCSG, 1-JT 9.625 CSG

TOTAL MTR HRS

6:00:00 AM

dril & slide 5596' to 5960, mwd survey every 90',

- 126

DAPP - 5.00

Well : Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/12/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canvon

Report #:

Spud Date: 7/4/2005

Days From Spud:

Depth At 06:00:

5470

DAPP - 5.00

Morning Operations: DIRECTIONAL DRILLING

Estimated Total Depth:

SAFETY MEETING; FORKLIFT SAFETY

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

RIG 136 HAS 1250 DAYS NO LTA

8354

Time To

Description

12:00:00 PM

DRILL & SLIDE FR 4939 TO 5060, SLIDE 20' EVERY 60', MWD

EVERY 60'

12:30:00 PM RIG SERVICE

10:30:00 PM DRILL & SLIDE 5060 TO 5313, SLIDE 20' EVERY 60', MWD EVERY

11:00:00 PM REINSTALL ROTATING RUBBER

6:00:00 AM

DRILL & SLIDE 5313 TO 5470, SLIDE 20' EVERY 60', MWD EVERY

Well : Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/11/2005

Surface Location: NWNW-36-12S-16 F 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 7/4/2005

Days From Spud:

Depth At 06:00:

4939

Estimated Total Depth:

8354

Morning Operations: DRILLING DIRECTIONAL

Time To

Description

8:30:00 AM

DRLG FR 3960 TO 4094

9:00:00 AM

RIG SERVICE

6:00:00 AM

DRLG FR 4094 TO 4939

Remarks :

RIG 136 HAS 1249 DAYS NO LTA

SAFETY MEETING; RIG SERVICE

DAILY WATER: 240

TOTAL WATER; 3910

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

5.5-17# CSG, 1 JT 9.625 CSG

MUD MTR HRS - 23.5

DAILY TOTAL

7 JT

MTR HRS - 80

**DAPP - 5.00** 

1-8"



Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Area: Nine Mile Canyon

Operations Date: 7/10/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Report #:

7

Spud Date: 7/4/2005

Days From Spud: 6 Depth At 06:00:

3960

Morning Operations: DIRECTIONAL DRILLING

Estimated Total Depth:

8354

Time To

RIG 136 HAS 1248 DAYS NO LTA

Description

2:30:00 PM

DRLG FR 2870 TO 3246

3:00:00 PM

RIG SERVICE

6:00:00 AM

DRLG FR 3246 TO 3960

Remarks:

SAFETY MEETING: GOOD HOUSEKEEPING

DAILY WATER; 480

TOTAL WATER; 3670 MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

1-8" 7 JT 5.5

17# CSG, 1 JT 9.625 CSG

DAILY MUD

MTR HRS -23.5 - 56.5

TOTAL MTR HRS **DAPP - 5.00** 

Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/9/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Spud Date: 7/4/2005

Days From Spud:

Area: Nine Mile Canyon

Report #:

5

Depth At 06:00:

2870

Morning Operations: DRILLING DIRECTIONAL

Estimated Total Depth:

8354

Time To

Description

3:00:00 PM

DRLG FR 1525 TO 1989

3:30:00 PM

RIG SERVICE DRLG FR 1989 TO 2588

12:30:00 AM 1:00:00 AM

INSTALL ROTATING RUBBER

6:00:00 AM

DRLG FR 2588 TO 2870

Remarks: RIG 136 HAS 1247 DAYS NO LTA

SAFETY MEETING: PPE

DAILY WATER: 100

TOTAL WATER; 3190 MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

1-8 7 JT 5.5

17# CSG, 1 JT 9.625 CSG

DAILY MUD TOTAL M.MTR

MTR HRS - 23 HRS - 33

Well: Peter's Point #16-26D-12-16

Surface Location: NWNW-36-12S-16 E 26th PM

Days From Spud:

Days From Spud:

3

API#: 43-007-30812

Operations Date: 7/8/2005

Area: Nine Mile Canyon

Report #: 5

Estimated Total Depth:

1525 8354

Morning Operations: DRILLING DIRECTIONAL

Description

10:30:00 AM PRESSURE TEST BOPS

11:30:00 AM TRIP IN HOLE

Spud Date: 7/4/2005

Remarks:

RIG 136 HAS 1246 DAYS NO LTA

SAFETY MEETING: TRIPPING PIPE

DAILY WATER: 320

TOTAL WATER; 3090

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

Depth At 06:00:

7 JT 5.5

1-8"

17# CSG, 1 JT 9.625 CSG

**DAILY MUD** 

MTR HRS - 10

TOTAL MUD

MTR HRS - 10

8:00:00 PM 6:00:00 AM

5:00:00 PM

6:00:00 PM

Time To

DRLG FR 1050 TO 1525

DRILL CEMENT - TOP 990

Well : Peter's Point #16-26D-12-16

TOHFOR DIRECTIONAL TOOLS

TIH W/MUD MTR & DIRECTIONAL TOOLS

API#: 43-007-30812

Operations Date: 7/7/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Spud Date: 7/4/2005

Area: Nine Mile Canyon

Report #: Depth At 06:00:

1040

Morning Operations: PRESSURE TEST BOP

Estimated Total Depth:

8354

Time To

Description

10:30:00 AM RUN 9.625 CSG, CIRC., CEMENT

2:30:00 PM

WAIT ON CEMENT

5:30:00 PM

WELD ON WELLHEAD

4:00:00 AM NIPPLE UP B.O.P. S

6:00:00 AM PRESSURE TEST B.O.P. Remarks:

RIG 136 HAS 1245 DAYS NO LTA

SAFETY MEETING; NIPPLINGUP B.O.P.

DAILY WATER: 800 BBL TOTAL WATER: 2770

1-8" 7 JTS

MTR, 7-8" DC, 21-6.5" DC, 353 JTS 4.5" DP 5.5" 17# CSG, 1 JT 9.625 CSG PUMPING PRESSURE 440 PSI

**FINAL** BUMPED

PLUG W/ 850 PSI - FLOAT HELD 3 HRS BEFORE BOP TEST & LEFT

CALLED BLM MESSAGE

Report By Wellcore

July 19, 2005 02:54 PM



Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/6/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 7/4/2005

Days From Spud: 2

Depth At 06:00:

1040

Morning Operations: RUNNING CASING

Estimated Total Depth:

8354

Remarks:

**RIG 136 1244 DAYS NO LTA** 

SAFETY MEETING: ROTARY TORGUE

DAILY WATER: 1410

TOTAL WATER: 1970

1-8" 7 JT 5.5

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP 17# CSG, 1 JT 9.625 CSG

8:30:00 AM SURVEY 270' - 1/2 DEGREE

1:00:00 PM DRLG FR 350 TO 540

Description

1:30:00 PM CHANGE FUEL FILTERS ON PUMPS

**DRILL FR 240 TO 350** 

3:30:00 PM DRLG FR 540 TO 601

4:00:00 PM SURVEY 520 3/4 DEGREE

9:30:00 PM

DRLG FR 601 TO 877

10:00:00 PM

Time To

8:00:00 AM

SURVEY 791 3/4 DEGREE

1:00:00 AM

DRLG FR877 TO 1040 CIRC. TO RUN CSG

2:00:00 AM 3:30:00 AM

T. O. H. - LAY DN 8' MTR & COLLARS

6:00:00 AM

Time To

11:00:00 PM

12:01:00 AM

1:00:00 AM

1:30:00 AM

6:00:00 AM

Time To

6:00:00 AM

RIG UP & RUN CASING

rig up,pre spud inspection

drill 12.25 hole f/ 40' to 95'

Well: Peter's Point #16-26D-12-16

API #: 43-007-30812

Operations Date: 7/5/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #:

240

Spud Date: 7/4/2005

Days From Spud:

Estimated Total Depth:

Depth At 06:00:

8354

Morning Operations: drilling

Remarks:

RIG 136 HAS 1243 DAYS NO LTA SAFETY MEETING:picking up d. c.

DAILY WATER: 560

TOTAL WATER: 560

1-8" 7 JT 5.5

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP 17# CSG, 2 JT 9.625 CSG

start dayrate 23:00 hr 7/4/05

stuck for an hour ,when derrick hand let yellow dog go

down,ran pits low

Well: Peter's Point #16-26D-12-16

set conductor, skid rig, release trucks, crain, rig up

API#: 43-007-30812

Operations Date: 7/4/2005

Surface Location: NWNW-36-12S-16 E 26th PM Spud Date: 7/4/2005

Description

Description

work stuck pipe

circ & condition

drill 95' to 240'

Area: Nine Mile Canyon

Report #:

Depth At 06:00:

40

Morning Operations: RIG UP

Days From Spud:

Estimated Total Depth:

8354

Remarks:

RIG 136 HAS 1242 DAYS NO LTA SAFETY MEETING:overhead loads

DAILY WATER: 0

WATER: 0 DC, 21-6.5" DC, 353 JT 4.5" DP

1-8" MTR, 7-8" 7 JT 5.5 17# CSG, 2

TOTAL

JT 9.625 CSG

FINISH RIG UP TODAY should spud late afternoon

# UNITED STATES DEPARTMENT OF THE INTERIOR BURE ALL OF LAND MANAGEMENT

BBC CONFIDENTIAL

FORM APPROVED OMB No. 1004-0137 Expires: March 31, 2007

BUREAU OF LAND MAN SUNDRY NOTICES AND REF Do not use this form for proposals to abandoned well. Use Form 3160-3 (A	PORTS ON WELLS	Lease Serial No.     UTU 0681     If Indian, Allottee or Tribe Name
SUBMIT IN TRIPLICATE- Other instr  1. Type of Well	uctions on reverse side.	7. If Unit or CA/Agreement, Name and/or No.  Peter's Point Unit  8. Well Name and No.  Peter's Point Unit Fed 16-26D-12-16
<ol> <li>Name of Operator     Bill Barrett Corporation</li> <li>Address     1099 18th Street, Suite 2300, Denver, CO 80202</li> <li>Location of Well (Footage, Sec., T., R., M., or Survey Description)     NWNW, 567' FNL, 1013' FWL, Sec. 36-T12S-R16E</li> </ol>	3b. Phone No. (include area code) 303-312-8168	9. API Well No. 4300730812  10. Field and Pool, or Exploratory Area Peter's Point / Mesaverde  11. County or Parish, State Carbon, UT
12. CHECK APPROPRIATE BOX(ES) TO  TYPE OF SUBMISSION    Acidize	TYPE OF ACTION  Deepen Production (Statement of the complete o	well Integrity Other Weekly Activity  Report  my proposed work and approximate duration thereof. we vertical depths of all pertinent markers and zones.
following completion of the involved operations. If the operation testing has been completed. Final Abandonment Notices must be determined that the site is ready for final inspection.)  WEEKLY DRILLING ACTIVITY REPORT FROM 07	results in a multiple completion or recompletion i filed only after all requirements, including reclan	in a new interval, a Form 3160-4 must be filed once

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)					
Matt Barber	Title	Contract Permit A	Analyst for the Bill Barrett Corp.		
Signature Watt Barbar	Date		07/25/2005		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by		Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warra certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.		Office			
certify that the applicant holds legal or equitable title to those rights in the subject le	ease person	knowingly and willf	fully to make to any department or agency of the		

(Instructions on page 2)

RECEIVED JUL 2 9 2005



Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/25/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Report #: Area: Nine Mile Canyon

Spud Date: 7/4/2005

22 Depth At 06:00: 8440

Days From Spud:

Estimated Total Depth:

8354

Morning Operations: CIRCULATE STUCK PIPE

Remarks:

RIG 136 HAS 1261 DAYS NO LTA SAFETY MEETING: CEMENTING

DAILY WATER: 0

TOTAL WATER; 8350

**DAPP 5.00** 

Time To

Description

11:00:00 AM

WORK STUCK CSG & CIRC - MIX DIESEL & EZSPOT

8:30:00 PM

SPOT DIESEL & EZSPOT @ 30 T0 3626 / PUMP 1 BBL EVERY

10 MINS

9:00:00 PM

CSG CAME LOOSE / CIRC, WHILE RIG UP CASERS

11:30:00 PM

RUN CASING TO 7685 / CSG STUCK AGAIN

6:00:00 AM

CIRC CSG & WORK STUCK CSG / WAIT ON DIESEL

Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/24/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canvon

Report #:

Spud Date: 7/4/2005

Days From Spud:

Depth At 06:00:

Estimated Total Depth:

8440 8354

Morning Operations: WORK STUCK CASING

Remarks:

RIG 136 HAS 1260 DAYS NO LTA SAFETY MEETING: RUNNING CSG

DAILY WATER; 510 TOTAL WATER: 8350

LOGGING W/HALCO / RIG DWN LOGGERS

Description

12:30:00 PM

8:00:00 AM

T.I.H. WASH & RIM 80'

1:00:00 PM 3:00:00 PM

Time To

CIRC TO LAY DWN DP

10:30:00 PM

LAY DWN DP & DCS

3:30:00 AM

RIG UP & RUN CSG

6:00:00 AM

Time To

5:00:00 PM

6:30:00 PM

7:00:00 PM

8:00:00 PM

6:00:00 AM

WORK STUCK CSG & W/O DIESEL @ 3626 GOOD RETURNS

Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/23/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #: 20

Spud Date: 7/4/2005

Days From Spud: 19 Depth At 06:00:

Estimated Total Depth:

8440 8354

Morning Operations: WIRELINE LOGGING

Description

Remarks:

RIG 136 HAS 1259 DAYS NO LTA

SAFETY MEETING:TRIPPING PIPE

DAILY WATER; 160

TOTAL WATER; 7840 MTR, 7-8" DC, 21 6.5" DC, 353 JT 4.5" DP

196 JT **DAILY MUD** 

RIG SERVICE 5.5 17# CSG, 1 JT 9.625 CSG MTR HRS - 11 CIRC. FOR LOGS

MTR HRS - 52.5

TOTAL MUD DAPP - 5.00 LOGGERS DEPTH 8436

TOH FOR LOGS 1:00:00 AM

SHORT TRIP

LOGGING W/HALCO

DRLG FR 8381 TO 8440

Report By Welicore



Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/22/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #: 19

Spud Date: 7/4/2005

Days From Spud: 18

Depth At 06:00: Estimated Total Depth: 8381

Morning Operations: DRILLING

Remarks:

8354

Time To

Description

1:00:00 PM

DRLG FR 8216 TO 8250

1:30:00 PM RIG SERVICE

6:00:00 AM

DRLG FR 8250 TO 8381

RIG 136 HAS 1258 DAYS NO LTA

SAFETY MEETING: MAKING CONNECTIONS

DAILY WATER: 80

TOTAL WATER; 7680

1-8" 196 JTS

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP 5.5" 17# CSG, 1 JT 9.625 CSG

**DAILY MUD** 

MTR HRS:23.5

TOTAL MTR

HRS: 41.5

DAPP - 4.50 CALLED B L M LEFT

MESSAGE 50' FR TD

Well: Peter's Point #16-26D-12-16

Surface Location: NWNW-36-12S-16 E 26th PM

Spud Date: 7/4/2005

Days From Spud:

17

16

Area: Nine Mile Canyon

API#: 43-007-30812

Operations Date: 7/21/2005

Report #: 18

Depth At 06:00:

6216

Estimated Total Depth:

8354

Time To

Description

11:30:00 AM DRLG FR 8115 TO 8157

Morning Operations: TRIP IN HOLE

12:00:00 PM

RIG SERVICE

8:00:00 PM

DRLG FR 8157 TO 8216

1:00:00 AM

T. O. H.

6:00:00 AM T. I. H.

RIG 136 HAS 1257 DAYS NO LTA

SAFETY MEETING; CHANGING TONG DIES

DAILY WATER; 1280

TOTAL WATER: 7600

MTR, 7-8" DC, 21 6.5" DC, 353 JT 4.5" DP 196 JT

5.5 17# CSG, 1 JT 9.625 CSG

DAILY MTR TOTAL MTR

HRS - 13.5 HRS; 18

Remarks:

DAPP 5.00

8115

8354

Well: Peter's Point #16-26D-12-16

Surface Location: NWNW-36-12S-16 E 26th PM

Days From Spud:

Area: Nine Mile Canyon

API#: 43-007-30812

Operations Date: 7/20/2005

Report #: Depth At 06:00:

Estimated Total Depth:

Spud Date: 7/4/2005 Morning Operations: DRILLING

Time To

Description 11:30:00 AM DRLG FR 8045 TO 8089

6:00:00 PM

T. O. H.

7:30:00 PM

 $T \mid H$ SLIP & CUT DRILLING LINE

8:30:00 PM

1:00:00 AM T. J. H.

2:30:00 AM

6:00:00 AM

DRLG FR 8089 TO 8115

WASH & RIM 8000 TO 8089

Remarks: RIG 136 HAS 1256 DAYS NO LTA

SAFETY MEETING; RIG SERVICE

DAILY WATER: 0

TOTAL WATER: 6320

MTR, 7-\*' DC, 21-6.5" DC, 353-JTS 4.5" DP 196 JT-

5.5 17# CSG, 1 JT 9.625 CSG

**DAILY MUD** 

MTR HRS - 4.5 (6141) HRS: 4.5

**TOTAL MTR** TOTAL MTR HRS;

1-8"

110.5 (6040)

**DAPP 5.00** 



Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/19/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #:

Spud Date: 7/4/2005

Days From Spud: 15 Depth At 06:00:

8045

Morning Operations: directional drilling

Estimated Total Depth:

8354

Time To

Description

2:00:00 PM

drill & slide, f/7755' to 7871', mwd every 90', slide 10' every 90'

2:30:00 PM

6:00:00 AM

drill & slide,7871' to 8045',mwd every 90'

Remarks:

RIG 136 HAS 1255 DAYS NO LTA

SAFETY MEETING; forklift safety......

DAILY WATER: 240 TOTAL WATER; 6320

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

5.5" 17# CCSG, 1-JT 9.625 CSG

196-JT **DAILY MUD** 

MTR HRS -23.5

TOTAL MTR HRS

-256

total mtr hrs= 105 (6040)

DAPP - 5.00

Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/18/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #:

15

Spud Date: 7/4/2005

Depth At 06:00:

7750

Days From Spud:

Estimated Total Depth:

8354

Morning Operations: directional drilling

Remarks:

RIG 136 HAS 1256 DAYS NO LTA SAFETY MEETING; changing tong dies

DAILY WATER; 0

TOTAL WATER; 6080

1-8

MTR, 7-8" DC, 21-6.5" DC, 353 JT 4.5" DP

196-JT DAILY MUD

5.5" 17# CCSG, 1-JT 9.625 CSG MTR HRS -23.5

TOTAL MTR HRS

-232.5

total mtr hrs= 81.5 (6040)

DAPP - 5.00

Time To

Description

12:30:00 PM

drill & slide,7480' to 7560',mwd every 90',slide 10' every 90' to drop angle

1:00:00 PM

rig service

6:00:00 AM

drill & slide,7560' to 7750',mwd survey every 90',slide 10' every 90' to

drop angle

## UNITED STATES DEPARTMENT OF THE INTERIOR RUBEAU OF LAND MANAGEMENT

# BBC CONFIDENTIAL

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

	DI / IICI IVIIII/ (I OX XXX	***** D**** C		<del></del>	Expires, March 31, 2007		
I	BUREAU OF LAND MAN	IAGEMENT		5. Lease Seria	al No.		
SUNDRY	NOTICES AND REI	PORTS ON WEL	.LS	UTU 06	81		
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					, Allottee or Tribe Name		
SUBMIT IN TR	IPLICATE- Other insti	ructions on rever	se side.	İ	r CA/Agreement, Name and/or No.  Point Unit		
1. Type of Well Gas Well Other					8. Well Name and No.		
2. Name of Operator Bill Barrett Corporation					Peter's Point Unit Fed 16-26D-12-16  9. API Well No.		
3a. Address 3b. Phone No. (include area code) 1099 18th Street, Suite 2300, Denver, CO 80202 303-312-8168			430073	0812 d Pool, or Exploratory Area			
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)				Peter's Point / Mesaverde			
NWNW, 567' FNL, 1013' FWI				11. County	or Parish, State		
111111111111111111111111111111111111111	.,			Carbor	ı, UT		
12. CHECK AF	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OR	OTHER DATA		
TYPE OF SUBMISSION		TYP	E OF ACTION				
Notice of Intent	Acidize Alter Casing Casing Repair	Deepon Fracture Treat New Construction	Production (State Reclamation Recomplete	rt/Resume)	Water Shut-Off Well Integrity Other Weekly Activity		
✓ Subsequent Report	Change Plans	Plug and Abandon	Temporarily Ab	andon	Report		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal				

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WEEKLY DRILLING ACTIVITY REPORT FROM 07/25/05 - 07/27/2005.

14. Thereby certify that the foregoing is true and correct			THE STATE OF THE S		
Name (Printed/Typed)					
Matt Barber	Title	Contract Permit A	Analyst for the Bill Barrett Corp.		
Signature Matt Boker	Date		08/05/2005		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
Approved by		Title	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lear which would entitle the applicant to conduct operations thereon.		Office			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to any matter	person withir	knowingly and willf its jurisdiction.	ully to make to any department or agency of the United		

(Instructions on page 2)

RECEIVED

AUG 1 0 2005



Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/27/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

DAILY WATER:0

WATER;8510

float held

Remarks:

Report #: 24

Spud Date: 7/4/2005

Days From Spud: 23

Depth At 06:00:

SAFETY MEETING; WORKING STUCK CASING

8437

Morning Operations: RIG DOWN

Estimated Total Depth:

**RIG 136 HAS 1263 DAYS NO LTA** 

8354

TOTAL

Time To Description

12:30:00 PM

pump ez spot mix to 900' to2700', work stuck casing

1:00:00 PM run casing to 8434'

7:00:00 PM circulate, wait on halco, work casing

11:00:00 PM rig up halco,pump 1610 sk 50/50/poz,displace w/196 bbls

2%clayfix,rig down halco

nipple down,set 5.5 csg slips @110k 12:00:00 AM

4:00:00 AM clean pits casing slips set 110,000

final cement circ psi=2130

rig release off pp 16-26d @04:00 7/27/05

final report on 16-26d

bump plug psi=2700

6:00:00 AM rig down

Well: Peter's Point #16-26D-12-16

API#: 43-007-30812

Operations Date: 7/26/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Area: Nine Mile Canyon

Report #: 23

Spud Date: 7/4/2005

Days From Spud: 22

Depth At 06:00:

8440 8354

Morning Operations: SPOTTING DIESEL & EZSPOT

Remarks:

RIG 136 HAS 1262 DAYS NO LTA SAFETY MEETING; FORKLIFT SAFETY

Estimated Total Depth:

DAILY WATER: 160 TOTAL WATER;8510

**DAPP 5.00** 

OF PILL IS AT 2447

TOP

Time To

6:00:00 AM

Description

8:00:00 AM CIRC & WORK STUCK CSG W/O DIESEL

6111 / PUMP DIESEL & EZSPOT 1 BBL EVERY 10 MINS

CIRC / MIX 80 BBLS DIESEL EZSPOT SPOTTED IT FR 7679 TO

API#: 43-007-30812

Operations Date: 7/25/2005

Surface Location: NWNW-36-12S-16 E 26th PM

Well: Peter's Point #16-26D-12-16

Area: Nine Mile Canyon

Report #:

22

Spud Date: 7/4/2005

Days From Spud: 21 Depth At 06:00:

Estimated Total Depth:

8440 8354

Morning Operations: CIRCULATE STUCK PIPE

Remarks:

RIG 136 HAS 1261 DAYS NO LTA SAFETY MEETING; CEMENTING

DAILY WATER; 0

TOTAL WATER: 8350

**DAPP 5.00** 

Time To

Description

11:00:00 AM WORK STUCK CSG & CIRC - MIX DIESEL & EZSPOT

8:30:00 PM

SPOT DIESEL & EZSPOT @ 30 T0 3626 / PUMP 1 BBL EVERY

10 MINS

9:00:00 PM

CSG CAME LOOSE / CIRC. WHILE RIG UP CASERS

11:30:00 PM

RUN CASING TO 7685 / CSG STUCK AGAIN

6:00:00 AM

CIRC CSG & WORK STUCK CSG / WAIT ON DIESEL

# DEPARTMENT OF THE INTERIOR

FORM APPROVED
OM B No. 1004-0137
Every Morch 31 200

BUREAU OF LAND MANAGEMENT			5. Lease Se	Expires: March 31, 2007 rial No.	
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If India	nn, Allottee or Tribe Name
SUBMIT IN TRIPLICATE- Other instructions on reverse side.  1. Type of Well				7. If Unit or CA/Agreement, Name and/or No.  Peter's Point Unit  8. Well Name and No.  Peter's Point Unit Fed 16-26D-12-16	
Other Other					
2. Name of Operator Bill Barrett	Corporation			9. API W	
3a. Address       3b. Phone No. (include area code)         1099 18th Street, Suite 2300, Denver, CO 80202       303-312-8168				nd Pool, or Exploratory Area	
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)				s Point / Mesaverde
NWNW, 567' FNL, 1013' FW	L, Sec. 36-T12S-R16E			Carbo	or Parish, State
12. CHECK A	PPROPRIATE BOX(ES) TO	INDICATE NATUR	RE OF NOTICE, R	EPORT, O	R OTHER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
Notice of Intent  Subsequent Report  Final Abandonment Notice	Acidize Alter Casing Casing Repair Change Plans Convert to Injection	Deepen Fracture Treat New Construction Plug and Abandon Plug Back	Production (Stan Reclamation Recomplete Temporarily At		Water Shut-Off Well Integrity Other Report
If the proposal is to deepen dire Attach the Bond under which the following completion of the invitesting has been completed. Fir determined that the site is ready	ctionally or recomplete horizontally ne work will be performed or provide tolved operations. If the operation is nal Abandonment Notices must be f	y, give subsurface location de the Bond No. on file v results in a multiple comp filed only after all requires	ns and measured and tru with BLM/BIA. Require eletion or recompletion is ments, including reclam	e vertical depti ed subsequent i n a new interva	ork and approximate duration thereof. hs of all pertinent markers and zones. reports must be filed within 30 days al., a Form 3160-4 must be filed once en completed, and the operator has

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)			
Matt Barber	Title Contract Permit Analyst for the Bill Barrett Corp.		
Signature	Date		11/03/2005
THIS SPACE FOR FEDERAL	OR	STATE OF	FICE USE
Approved by		Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject less which would entitle the applicant to conduct operations thereon.		Office	
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any p States any false, fictitious or fraudulent statements or representations as to anymatter	erson within	knowingly and its jurisdiction.	willfully to make to any department or agency of the United

(Instructions on page 2)

RECEIVED NOV 0 7 2005



Well Name: Peter's Point #16-26D-12-16

API: 43-007-30812

Area: West Tavaputs

Ops Date: 10/29/2005

Report #:

Report #:

End Time

Description

Summary: Shut in. MIRU HES Coil tbg

7:00:00 AM

MIRU Coil Tbg.

run coil tbg tage sand @ 7150 clean out to Plug back TD jet N2

with 2% KCL gel sweep's

Well Name: Peter's Point #16-26D-12-16

API: 43-007-30812

Area: West Tavaputs

Ops Date: 10/28/2005

End Time

Description

Summary: Stage 1 Flow back

7:00:00 AM

FCP 5 Psi on 20 ck. dry flow . 204 bbl left to recover

6:00:00 PM

flow stage 1

7:00:00 PM

MIRU Mesa EL. Pickup frac plug and perf gun RIH correlate to short

joint. RIH tag sand 7150 ft 274 ft over stage 2

8:00:00 PM

rig down move to 8-35D

Well Name: Peter's Point #16-26D-12-16

API: 43-007-30812

Area: West Tavaputs

Ops Date: 10/27/2005

Report #:

End Time

Description

Summary: Flow back stage1 MIRU HES Coil RIH

clean out sand to 8350

7:00:00 AM

Flow back stages 1, 0 flow

2:00:00 PM

flow back stage 1

4:00:00 PM

MIRU HES, coil tbg unit and N2

6:00:00 PM

RIH with coil tbg. pump rate 1 BPM, N@ 600 SCFM

6:30:00 PM

tag sand @ 8050 clean out sand from 8350 sweep hole with gel 30#

8:00:00 PM

POOH jet N2 clean up pulling out of hole. dropped rate pulling from

700 SCF to 500 SCF

10:00:00 PM

rig down coil tbg unit and N2 pump.

11:59:00 PM

flow back stage 1

Well Name: Peter's Point #16-26D-12-16

API: 43-007-30812

Area: West Tavaputs

Ops Date: 10/26/2005

Report # :

End Time

Description

Summary: Flow back stage 1 RU Mesa Run EL tage sand fill @ 8350 POOH RDMO. Flow

7:00:00 AM

FCP 20 psi on 30 ck recovered 240 bbl in 24 hours avg. of 10 BPH,

204 bbl left to recover.

stage 1

6:00:00 PM

flow back stage 1

7:00:00 PM

Mesa EL. PU Perf gun and CFp RIH Correlate RIH tage sand fill @

8350 ft. 500 ft fill POOH RDMO.

11:59:00 PM

flow back stage 1

Well Name: Peter's Point #16-26D-12-16

API: 43-007-30812

Area: West Tavaputs

Ops Date: 10/25/2005

Report #:

4

End Time

Description

Summary: Flow back stage 1

7:00:00 AM

flow back stage 1 Bluecastle.

6:00:00 PM

flow back stage 1

12:00:00 AM

12:00:00 AM

November 03, 2005 09:59 AM

Report by Wellcore



Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 10/24/2005

Report #: 3 End Time

Summary: MIRU HES FRAC, MESA EL, Praxair,

stage 1, perf stage 1, Frac stage 1, screen out on 3#, 21,000# in formation. opened

to pit to clean-up, 18,000# sand in

wellbore.

6:30:00 PM Move in Rig Up HES Frac equipment, Praxair. Mesa EL.

NOTE: START OF GARY BROMAN TOWER 8:00:00 PM

> PERFORATE STAGE #1 (BLUECASTLE): R.I.H. WITH 8' AND 2' GUN (LOADED 3-SPF, 120-DEG PHASED, 0.41"-EHD, 23-GRAM CHARGE), CORRELATED AND PERFORATED 8,184'-86' AND 8,072'-80'. P.O.O.H. AND LAY DOWN GUNS, ALLSHOTS HAD

FIRED.

Description

WAITING ON FRAC SAND, HES DID NOT HAVE ENOUGH ON 2:30:00 AM

LOCATION TO DO FIRST STAGE.

3:45:00 AM FRAC STAGE #1 (BLUECASTLE) AS FOLLOWS:

SCREENED OUT ON 3# SAND .....

70-Q CO2 FOAM FRAC AVE RATE-30.44 BPM AVE PRESSURE-5,673 PSI

BROKE-5,638 PSI

ISP-N/A

TOTAL SAND IN WELLBORE-18,735 LBS

TOTAL SAND IN FORMATION- 21,709 LBS 20/40 WHITE SAND

TOTAL CO2-89 TON

TOTAL FLUID TO REC-10,648 GALS

OPENED CASING TO PIT ON 24/64 CHOKE AT 0345 HRS, 0400 6:00:00 AM

HRS 2-30/64 CHOKES.

November 03: 2005 09:59 AM Report by Wellcore

## UNITED STATES DEPARTMENT OF THE INTERIOR

CONFIDENTIAL

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS			5. Lease Serial N UTU 0681			
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.				6. If Indian, A	llottee or Tribe Name	
SUBMIT IN TRIPLICATE- Other instructions on reverse side.				7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well Gas Well Other				8. Well Name		
2. Name of Operator Bill Barrett Corporati	on				oint Unit Fed 16-26D-12-16	
3a Address 3b. Phone No. (include area code)			9. API Well I 43007308			
1099 18th Street, Suite 2300, Denver, CO		303-312-8168		10. Field and Pool, or Exploratory Area Peter's Point / Mesaverde  11. County or Parish, State		
<ol> <li>Location of Well (Footage, Sec., T., R., M., &amp; NWNW, 567' FNL, 1013' FWL, Sec. 36-</li> </ol>						
TOTAL, SOT FILL, TOTAL, SEC. 30	T125-KIOE			Carbon, U	J <b>T</b>	
12. CHECK APPROPRI	ATE BOX(ES) TO	O INDICATE NATUR	LE OF NOTICE, 1	REPORT, OR O	THER DATA	
TYPE OF SUBMISSION		TYI	PE OF ACTION			
Notice of Intent	recomplete horizontall I be performed or provi ations. If the operation nament Notices must be spection.)	lly, give subsurface location ide the Bond No. on file wo results in a multiple completiled only after all requirer	ns and measured and tr vith BLM/BIA. Requiralletion or recompletion ments, including reclar	bandon  any proposed work a ue vertical depths of red subsequent repor	f all pertinent markers and zones. rts must be filed within 30 days Form 3160-4 must be filed once	
14. I hereby certify that the foregoing is tru Name (Printed/Typed)	ne and correct	1				

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Date

Title

Office

(Instructions on page 2)

Approved by

Matt Barber

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease

which would entitle the applicant to conduct operations thereon.

Signature Matt Ba

RECEIVED

Date

Title Contract Permit Analyst for the Bill Barrett Corp.

11/07/2005

NOV 1 0 2005



Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 11/6/2005 Report #:

End Time

2:00:00 PM

Summary: Flow back stages 1-4, plug perf stage 5, 7:00:00 AM Stages 1-4 FCP\_ 1000 psi on 18 ck recovered 240 bbl in 8.5 hours

no break. run EL tag 6 ft over top perfs. Avg. of 28.23 BPH 1604 bbl left to recover. heavy mist.

POOH Flow back stages 1-4

flow stages 1-4 4:00:00 PM rig Mesa EL. Stage 5. U.Prce River. two 5 ft. perf guns with Mesa

Description

magnum composite frac plug. RIH correlate to short joint run to setting depth set MCFP @6910 perf @ 6841-6846 pickup perf@ 6799-6804 3JSPF 120 phasing 23 gram shot .410 hole. POOH turn

well to frac

7:00:00 PM U.Price River, 70 Q foam. load break/no break made 4 attempts to

break formation by flowing and pumping @ 10 BPM.

8:00:00 AM rig Mesa with two 6 ft perf guns RIH correlate to short joint run to

perf depth to reperf tag sand @ 6791 8 ft above perf. POOH lay

down tools.

10:00:00 PM Flow back stage 1-4 FCP 600 psi on 24 ck.

11:59:00 PM flow back stages 1-4

November 07, 2005 10:12 AM Report by Wellcore



Area: West Tavaputs

Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812

Ops Date: 11/5/2005

Report #:

End Time

Description

Summary: Shut in. MIRU Frac equipment, and Mesa El. set magnum Composite frac plug.& perf. Stage 2, Frac #2. Set MCFP & Perf

Stage 3, frac. plug perf stage 4, wait on

sand, frac stage 4

7:00:00 AM Shut in 1000 psi. stage 1

> Mesa El set MCFP & Perf Stage 2 price River: pickup 8 ft. perf gun with Magnum Oil tool ACFP. 10 K run in hole correlate to short joint run to setting depth set MCFP @ 7510 pickup perf @ 7424-7432 3SPF 120 phasing 23 gram shots POOh all shots fired turn well

12:30:00 PM

11:00:00 AM

Frac stage 2 Price River: 70 Q Foam. load Break@ 5869 @6 BPM. Avg Wellhead Rate: 22.8 BPM. Avg. Slurry: 9.7 BPM. Avg. CO2 Rate: 11.9 BPM. Avg. Pressure: 3871 psi. Max. Wellhead Rate: 27 BPM. Max. Slurry Rate: 12.9 BPM. Max. Co2 Rate: 13.6 BPM. Max. Pressure: 569 ps. Totel Fluid Pumped: 15,898 Gal. Totel Sand in Formation: 793 lb. (20/40 White Sand) CO2 Downhole: 107 tons CO2 Cooldown: 3 tons ISIP: 3,485 psi. Frac Gradient: 0.92 psi/ft. Successfully flushed wellbore with 30 bbl over flush with 500 galo fluid cap. Shut in. 5min:3379 10min. 3327. 15 min. 326 psi.

2:00:00 PM

Mesa El. Stage 3 Price River: pickup 6ft perf guns and Mesa Magnum Composite Frac Plug. RIH correlate to short joint run to setting depth set MFP @ 7350 pickup perf @ 7290-7296 6 ft, 3JSPF 120 phasing 23 gram shot .410 hole. POOH turn well over to frac crew.

3:00:00 PM

Frac Stage 3 Price River 70Q CO2 foam. load Break @ 3827 @ 5.3 BPm. Avg. Wellhead Rate: 20.9 BPM. Avg. Slurry Rate: 8.1 BPM. Avg. CO2 Rate: 11.6 BPM. Avg. Pressure: 3863 BPM. Max. Wellhead Rate: 22.52 BPM. Max. Slurry: 10.8 bpm. Max. CO2 Rate: 10.8 BPM. Max. Pressure: 4280 PSI. Totel Fluid Pumped: 10,977 gal. Totel Sand in Formation: 39,000 LB. (20/40 White Sand) CO2 Downhole: 75 tons. CO2 Cooldown: 2 Tons. ISIP: 3,392 psi. Frac Gradient: 0.92 psi/ft. Had unuseal spike in CO2 rate and sand Concentration. Shut In. 5MIN. 3258psi 10 min. 3216 psi. 15 min: 3192 psi. Successfully flushed wellbore with 50Q foam with 30 bbl

over flush with 500 gal fluid cap.

4:00:00 PM

Stage 4 Price River. Mesa El. Pickup two 5 ft. perf guns and Mesa magum CFP . RIH correlate to short joint run to depth check depth to casing collar set MCFP @ 7180 pickup perf Price River @ 7113-7118 5 ft. pickup perf @ 7029-7034 5ft. 3JSPF 120 phasing 23 gram shot .410 ole. POOH All shots fired turn well over to frac crew.

6:00:00 PM

wait on sand for stage 4

9:00:00 PM

Stage 4 Price River 70Q Foam frac. Load Break @ 5834 @ 2BPM.Avg.Wellhead Rate: 28.16 BPM. Avg. Slurry Rate: 11.35 BPM, Avg. CO2 Rate: 15.23BPM, Avg. Pressure: 3927 PSI, Max. Wellhead Rate: 37.93BPM. Max. Slurry Rate:14.04 BPM. Max. CO2 Rate: 24.05BPM. Max. Pressure: 5835PSI. Totel Fluid Pumped:20,592 Gal. Totel Sand in Formation: 100,328Lb. (20/40 White Sand) CO2 Downhole: 126Tons. CO2 Cooldown: 5Tons. ISIP: 2904 psi. Frac Gradient: 0.86 psi/ft. Shut in PSI 5 Min: 2827 10 Min: 2792 15 Min: 2770. Successfully flushed wellbore with 50 Q Foam with 30 bbl over flush with 500 gal fluid cap. ( CO2 pump truck had Problems holding Rate during 4#sand stage and flush stage. pumped 1300 lb sand o

November 07, 2005 10:12 AM



Well Name: Peter's Point #16-26D-12-16

API: 43-007-30812

Area: West Tavaputs

Ops Date: 11/5/2005

Report #:

End Time

10:30:00 PM

Summary: Shut in. MIRU Frac equipment, and Mesa

El. set magnum Composite frac plug.& perf. Stage 2, Frac #2. Set MCFP & Perf Stage 3, frac. plug perf stage 4, wait on sand. frac stage 4

Description

Stages 1-4. FCP 2600 psi on 18 ck.

### UNITED STATES DEPARTMENT OF THE INTERIOR

**BBC CONFIDENTIAL** 

FORM APPROVED OM B No. 1004-0137

-	DELTINCAL TREE	IIII DICIOIC		Expires. March 31, 2007	
BUREAU OF LAND MANAGEMENT			5. Lease Serial No.		
SUNDRY NOTICES AND REPORTS ON WELLS  Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.			UTU 0681		
			6. If Indian, Allottee or Tribe Name		
abandoned w			<del></del>		
SUBMIT IN TR	IPLICATE- Other instr	ructions on rever	rse side.	7. If Unit or CA/Agreement, Name and/or No.	
1. Type of Well			Peter's Point Unit		
				8. Well Name and No. Peter's Point Unit Fed 16-26D-12-16	
2. Name of Operator Bill Barrett (	Corporation			9. API Well No.	
3a Address 3b. Phone No. (include area code)			4300730812		
1099 18th Street, Suite 2300, Denver, CO 80202 303-312-8168				10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description)		ŗ	Peter's Point / Mesaverde	
NWNW, 567' FNL, 1013' FW	L, Sec. 36-T12S-R16E			11. County or Parish, State	
				Carbon, UT	
12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, RE	PORT, OR OTHER DATA	
TYPE OF SUBMISSION		TYF	PE OF ACTION		
	Acidize	Deepen	Production (Star	(Resume) Water Shut-Off	
Notice of Intent	Alter Casing	Fracture Treat	Reclamation	Well Integrity	
Subsequent Report	Casing Repair	New Construction	Recomplete	Other Weekly Activity	
Final Abandonment Notice	Change Plans	Plug and Abandon	Temporarily Aba	ndon Report	
Fujai Agandonineni Nonce	Convert to Injection	Plug Back	Water Disposal		
13. Describe Proposed or Complete	ed Operation (clearly state all pertin	ent details, including estin	nated starting date of any	proposed work and approximate duration thereof.	

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

WEEKLY COMPLETION ACTIVITY REPORT FROM 11/07/05 - 11/24/2005.

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)					
Matt Barber	Title	Permit Analyst			
Signature Matt Barber	Date	11/28/2005	;		
THIS SPACE FOR FEDERAL OR STATE OFFICE USE					
		Title	Date		
Approved by		THE	Date		
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject le which would entitle the applicant to conduct operations thereon.		Office			
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to anymatter	person withir	knowingly and willfully to make to its jurisdiction.	any department or agency of the United		
(Instructions on page 2)			TEUFIVED		

(Instructions on page 2)

NOV 3 0 2005 DIV. OF OIL, GAS & MINING

service unit

Report by Wellcore



API: 43-007-30812 Area: West Tavaputs Well Name: Peter's Point #16-26D-12-16 Ops Date: 11/24/2005 Report #: 23 **End Time** Description Summary: SICP 1550. POOH with tbg and bit. ND/ 7:00:00 AM **SICP 1550** NU Frac Head 10:00:00 AM POOH with 23/8 tbg lay down seals 11:30:00 AM pump 60 bbl top kill 12:30:00 PM down BOPs nipple up Frac Head and test Rig down pulling unit move equip. off loc 3:00:00 PM 3:00:00 PM shut in well, production did not want gas. Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs Ops Date: 11/23/2005 Report #: End Time Description Summary: SICP Drill ACFP @ 7510 RIH clean Rat 7:00:00 AM SICP 1550. tubing was stickey worked tbg free before drilling on hole PBTD 8380 plug 9:00:00 AM Drill ACFP @ 7510 RIH to PBTD 8380 12:00:00 PM circ hole clean with foam air 2:00:00 PM POOH lay down tbg on seals 150 joints Bit @ 3100 ft 5:00:00 PM Shut in for night API: 43-007-30812 Area: West Tavaputs Well Name: Peter's Point #16-26D-12-16 Ops Date: 11/22/2005 Report #: **End Time** Description Summary: Pickup tbg tage ACFP. Drill plugs,#3,#2, SICP 1750. pickup 23/8 N-80 tbg. 7:00:00 AM part of #1 clean up wellbore. SIFN 10:00:00 AM rig Weatherford power swivel . 11:30:00 AM drill aluminum composite frac plugs@7179 ACFP # 3 was drilled by coil tbg. pushed down hole to 7350 on top of # 2 plug @ 7350 2:00:00 PM drill ACFP @ 7350 no fill on plug 6:29:00 PM TIH to 7510 ACFP #1 10K drill on plug, didnt get drilled out, clean up well to shut in for night. 6:30:00 PM Shut in well for night API: 43-007-30812 Well Name: Peter's Point #16-26D-12-16 Area: West Tavaputs Ops Date: 11/21/2005 Report #: 20 **End Time** Description S.I.C.P.- 1,700 PSI Summary: MIRU Duco WSU 7:00:00 AM 1:00:00 PM M.I.R.U. WORKOVER, KILLED CASING WITH 110-BBLS, N.D. TREE, AND N.U. BOP'S. P.U. R.I.H. WITH MILLTOOTH BIT, PUMP-OFF BIT SUB, 1-JT OF 5:30:00 PM 2 3/8" TUBING, 2 3/8" XN-NIPPLE, 1-JT OF 2 3/8" TUBING, 2 3/8" X-NIPPLE, 200 totel joints in 6240 ft. 5:30:00 PM shut in for night API: 43-007-30812 Area: West Tavaputs Well Name: Peter's Point #16-26D-12-16 Ops Date: 11/15/2005 Report #: **End Time** Description Summary: Flow back stage 1-4. RDMO Duco Well 7:00:00 AM Flow back stages 1-4

9:00:00 AM

Rig down Duco WSU and equipment, move to 6-7 deep well

November 28, 2005 09:31 AM



Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tayaputs

Ops Date: 11/14/2005 Report #: 18 End Time Description

Summary: Flow back RDMO Duco WSU and 7:00:00 AM Flow back stages 1-4, stage 5 no frac sand was over perfs

equipment., Flow back 9:00:00 AM Rig down Duco WSU and equipment

**End Time** 

flow back stage 1-4

Description

Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tayaputs

Summary: Flow back stages 1-4 7:00:00 AM flow back stages 1-4
11:59:00 PM flow back stages 1-4

Well Name : **Peter's Point #16-26D-12-16**API : 43-007-30812

Area : West Tavaputs

Ops Date: 11/12/2005 Report #: 16 End Time Description

Ops Date: 11/12/2005 Report #: 16 End Time Description

Summary: MIRU Duco WSU and equipment 3:00:00 PM MIRU DUCO Well service Unit and equipment shut down for night

Summary: Winto Buco was and equipment 5,00,00 FW Winto Boco Weir service official dequipment shut down for high

6:00:00 PM flow back stages 1-4

17

Report #:

Ops Date: 11/13/2005

Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 11/11/2005 Report #: 15 End Time Description

Summary: Flow back stages 1-4 7:00:00 AM Stages 1-4 FCP 100 on 28 ck recovered 180 bbl in 24 hours avg. 7.5

BPH 224 bbl left to recover

11:00:00 AM Flow back,

2:00:00 PM MIRU DUCO WSU and equipment.

4:00:00 PM pump top kill ND wellhead inc. frac head nipple up Weatherford

BOPs rig work floor

Ops Date: 11/10/2005 Report #: 14 End Time Description

Summary: Flow back stages 1-4 7:00:00 AM Stages 1-4 FCP 400 psi on 28 ck recovered 240 bbl in 24 hours avg.

of 10 BPH 404 bbl left to recover

12:00:00 PM flow stages 1-4 stage 5 perf no frac.



Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 11/9/2005 Report #: 13 **End Time** Description

TUBING UNIT, CLEAN-UP CASING TO

Summary: R.I.H. WITH MILL, MILLED ON CFP FOR 7:00:00 AM CASING FLOWING TO PIT AT 400-PSI WITH 9% CO2

3 HRS WITH NO SUCCESS. P.O.O.H. 9:00:00 AM R.U. HES LAY MOTOR AND BIT. R.D. HES COIL 4:00:00 PM

BY:STEVE JAMISON W/ PACKER SALES & RENTALS / 406-360-9281) AND WEATHERFORD MOTOR, TAGGED CFP AT 7,180', DRILLED PLUG VARYING WIEGHT FROM 1K TO -4K.

POSSIBLY MADE 3 TO 4" ON PLUG, DRILLED TOTAL OF 3:05 MINUTES IN PLUG. COIL OUT OF HOLE WITH MOTOR AND MILL. MILL WORN ON OD AND BLADES SEVERLY WORN, SEE

P.U. AND COIL TUBING IN HOLE WITH 4 5/8" MILL(FURNISHED

SETUP FILE/COMP EVENT FOR PICS OF THE MILL.

NOTE: SEE SETUP FILE /COMP EVENTS FOR PICS OF THE

MILL THAT WAS RUN.....

R.D. AND RELEASED HES.

6:00:00 AM CASING CLEANING UP TO PIT.

O600 HRS: 400-PSI, 28/64 COKE, 224-BBLS REC, LTR-824-BBLS.

Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

6:00:00 PM

Ops Date: 11/8/2005 Report #: **End Time** Description

Summary: 0600 HRS CASING FLOWING TO PIT 7:00:00 AM 0600 HRS CASING FLOWING TO PIT ON 28/64 CHOKE, 500-PSI. AT 500-PSI, 28/64 CHOKE, 10-BWPH, 10-BWPH, LTR-1,024 BBLS.

LTR-1,024 BBLS. DRILLED MAGNUM CFP AT 6,910', P.O.O.H. DUE TO 11:15:00 AM M.I.R.U. HES COIL TUBING UNIT.

RESERVE PIT WATER LEVEL, LEFT NOTE: HAVING WATER HAULED FOM RESERVE PIT, BY H-20

CASING FLOWING TO PIT. TRUCKING

6:00:00 PM R.I.H. WITH SMITH MILLTOOTH BIT, WEATHERFORD MOTOR.

ON COIL TUBING. DRILLED MAGNUM CFP AT 6,910' IN 90-MINUTES. CONTINUE IN HOLE TO NEXT PLUG, RESERVE PIT

GETTING FULL, PUMPED SWEEP, AND P.O.O.H. WITH MOTOR & BIT. FOUND BIT WAS IN GOOD CONDITION.

NOTE:

-----DON STEPHENS WITH THE BLM OUT OF PRICE, UTAH WAS OUT TODAY BECAUSE OF CONCERNS BY THE STATE. THIS PAD AND ALL OTHER LOCATIONS HE WANTS RESERVE PITS TO BE FENCED AND BETTER HOUSEKEEPING ON LOCATIONS. DON SAID FLAGGING OF THE RESERVE PITS WAS NOT REQUIRED AT THIS TIME. THIS LOCATION THE RESERVE PIT IS LEACHING OUT ON NORTH SIDE DUE TO THE

BURNED LINER. LEAK HAS WENT DOWN APPROX 100-YARDS

AND FELL OFF INTO THE CANYON

6:00:00 AM CASING FLOWING TO PIT. 0600 HRS, REC-200 BBLS, LTR-824,

CO2-9%...



Well Name: Peter's Point #16-26D-12-16

API: 43-007-30812

Area: West Tavaputs

Ops Date: 11/7/2005

Report #:

End Time

Description

Summary: Flow back stages 1-4. Mesa Magnum

Frac plugs

7:00:00 AM

Stage 1-4 FCP 800 psi on 28 ck. recovered340 bbl in 20 hours avg. 17 BPH. 1264 bbl left to recover.

11:00:00 PM flow stages 1-4

1. Type of Wel

Öil Well

✓ Gas Well

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

BBC **CONFIDENTIAL** 

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

Other

	Expires: March 31, 2007
	5. Lease Serial No.
	UTU 0681
	6. If Indian, Allottee or Tribe Name
	<ol><li>If Unit or CA/Agreement, Name and/or No.</li></ol>
-	Peter's Point Unit
	8. Well Name and No.
	Peter's Point Unit Fed 16-26D-12-16
ĺ	9. API Well No.

2. Name of Operator Bill Barrett Corporation 4300730812 3a Address 3b. Phone No. (include area code) 1099 18th Street, Suite 2300, Denver, CO 80202 303-312-8168 10. Field and Pool, or Exploratory Area Peter's Point / Mesaverde 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State NWNW, 567' FNL, 1013' FWL, Sec. 36-T12S-R16E Carbon, UT 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION TYPE OF ACTION Acidize Production (Start/Resume) Water Shut-Off Deepen Notice of Intent Alter Casing ■ Well Integrity Fracture Treat Reclamation Other Weekly Activity Casing Repair New Construction Recomplete ✓ Subsequent Report Change Plans Temporarily Abandon Report Plug and Abandon Final Abandonment Notice Water Disposal Convert to Injection Plug Back

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Fonn 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WEEKLY COMPLETION ACTIVITY REPORT FROM 11/29/05 - 12/04/2005.

States any false, fictitious or fraudulent statements or representations as to anymatter within its jurisdiction.

1		
Title Permit A	nalyst	
Date	12/14/2005	
OR STATE	OFFICE USE	
Title	Date	
nt or Office		
	Date OR STATE Title	OR STATE OFFICE USE  Title Date

(Instructions on page 2)

RECEIVED

DEC 1 9 2005



Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 12/4/2005 Report #: 28 **End Time** Description

Summary: Flow back stages 1-7. EL stage 8 plug Stage 1-7 FCP 400 psi on 38&34 chokes recovered 210 bbl in 22 7:00:00 AM and perf. Frac stage 8. Plug& Perf stage hours avg. of 9.54 BPH trace of sand med mist 1306 bbl left to

9. frac 9. Flow back stage 1-9 recover.

10:30:00 AM Mesa EL changed out wire line units throughout the night had to rig up. Stage 8 North Horn Plug and perf.RIH Correlate to short joint

run to setting depth set HES CFP @ 6330 pickup perf @ 6492-6497, pickup perf @ 6430-6435 3JSPF 120 phasing 23 gram shot.410

hole. POOh turn well over to frac.

1:00:00 PM Stage 8 North Horn, 70Q Foam. Load Break @ 4969 @ 5.9 BPM.

Avg. Wellhead Rate:38.5 BPM, Avg. Slurry Rate: 16.42 BPM, Avg. CO2 Rate: 20.5 BPM. Max. Wellhead Rate: 42.45 BPM. Max. Slurry Rate: 20.52 BPM. Max. CO2 Rate: 23.97 BPM. Max. Pressure: 5,484 psi. Total Fluid Pumped: 22,197 gal. Total Sand in Formation: 123,554 LB. job design 1280 lb. 45 sacks off. (20/40 White Sand) CO2 Downhole: 103 tons. CO2 Cooldown: 4 tons. ISIP: 3,979 PSI. Frac Gradient: 1.06 psi/ft. Started job half rate to seat ball on frac plug and establish a break. CO2 Rate was not steady throughout the job. Didnt get to 4# sand at the beginning of stage 6 due to not

keeping the hopper full. successfully flushed wel

Stage 9 North Hom. pickup 10 ft of perf guns and HES CFP. RIH 1:30:00 PM

correlate to short joint run to setting depth check depth to casing collar set CFP @ 6060 Pickup perforate North Horn @ 5988-5992, next set @ 5909-5912, next set @ 5807-5810 3JSPF 120 phasing

23 gram shot .410 hole.

3:30:00 PM Frac Stage 9, 70Q Foam North Horn. (Halliburton sand measure at

7AM said 1980 sacks good for two jobs. pumped 1230 sacks in stage 8 at 1PM new measure showed 540 sacks not 700 sacks. New Design frac for stage 9) load break @ 4792 @ 11.2 BPM. Avg. Wellhead Rate: 35.85 BPM. Avg. Slurry Rate: 15.88 BPM. Avg. CO2 Rate: 18.58 BPM. Avg. Pressure: 5,174 PSI. Max. Wellhead Rate: 41.43 BPM. Max. Slurry Rate: 20.26 BPM. Max. CO2 Rate: 22.56 BPM. Max. Pressure: 5,511 psi. Total Fluid Pumped: 11,986 gal. Total Sand in Formation: 49,710 lb. 203 sacks from orginal disign. (20/40 White Sand) CO2 Downhole: 60 tons CO2 Cooldown:

3 tons. ISIP: 3,677 psi. Frac Gradient: 1.07 psi/ft. CO2 pump

5:00:00 PM Flow stages 1-9 FCP 3400 psi on 18 ck. 2411 bbl to recover

API: 43-007-30812 Area: West Tavaputs Well Name: Peter's Point #16-26D-12-16

Ops Date: 12/3/2005 Report #:

Summary: Flow back stages 1-7 MIRU Praxair Flow stages 1-7 FCP700 psi on 34 ck recovered 240 bbl in 24 hours 7:00:00 AM

Booster pump. Meas EL Run Plug and avg.10 BPH 1516 bbl left to recover

Description

Perf gun stage 8. sand stuck plug in sand 11:00:00 AM

**End Time** 

12:00:00 PM wait on Praixair booster pump.

> Mesa EL pickup HES CFP and perf gun for stage 8. RIH correlate to 1:00:00 PM

Flow stages 1-7

short joint run to 6521 stuck in sand with CFP flow well to free plug POOH 100 ft before free from sand POOH turn well over to flow

watch.

3:00:00 PM flow back stages 1-7



Ops Date: 12/2/2005 Report #: 26 End Time Description

Summary: Flow Back Stage 1-7 wait on Halliburtion 7:00:00 AM Stage 1-7 FCP 700 psi on 24 ck recovered 240 bbl in 24 hours avg

Pump truck. Praxair working on booster of 10 BPH 1367 bbl left to recover.

pump lost clutch out of unit. trucked to Rocksprings to trade out with standby 11:59:00 PM flow stages 1-7

unit wait on Praxair booster pump



Well Name: Peter's Point #16-26D-12-16

API: 43-007-30812

Area: West Tavaputs

Ops Date: 12/1/2005

Report #:

25

End Time

Description

Summary: Frac stage 5, perf & plug stage 6, frac. plug & perf stage 7, frac. flow back. Halliburtion CO2 pump truck bad fluid

end sent to Vernal for repairs.

10:00:00 AM

stage 5 U.Price River.70Q Foam Frac. load Break @ 5814 @ 10 BPM. Avg. Wellhead Rate: 23.5 BPM. Avg. Slurry Rate: 8.7 BPM. Avg. CO2 Rate: 13.9 BPM. Avg. Pressure: 5666 PSi. Max. Wellhead Rate: 12.9 BPM, Max. Slurry Rate: 12.9 BPM, Max. Co2 Rate: 19 BPM. Max. Pressure: 5930 PSI. Totel Fluid Pumped: 19,626 Gal. Totel Sand in Formation: 59,500 LB. (20/40 White Sand) CO2 Downhole: 157 tons. CO2 Cooldown: 8 tons. ISIP: 4,790 PSI.

Frac Gradient: 1.15 psi/ft.

10:00:00 AM

stage 5 had large amount of perf friction, ran .25# / gal sand for totel of 5.25 sacks of sand. Pumped an extra large pad in an effort to reduce the perf friction near wellbore with sand slug. Pressure was near max during the entire treatment. flushed with 50Q foam with 30

bbl over flush with 500 gal fluid cap.

12:00:00 PM

rig Mesa El Stage 6 U.Price River@ 6650-6660, pickup 10 ft. gun with HES CFP run in hole correlate to short joint run to setting deptj set CFP @6710 pickup perforate U.Price River @ 6650 - 6660. 3JSPF 120 phasing 23 gram shot .410 hole POOH turn well over to

frac crew.

1:00:00 PM

Stage 6 U.Price River. 70Q Foam frac. load break @ 5529 @ 6.1 BPM. Avg. Wellhead Rate: 19.4 BPM. Avg. Slurry Rate: 7.9 BPM. Avg. CO2 Rate: 10.4 BPM. Avg. Pressure: 3530 psi. Max. Wellhead Rate: 21.7 BPM. Max. Slurry Rate: 10.6 BPM. Max. CO2 Rate: 13.9 BPM. Max. Pressure: 5549 BPM. Totel Fluid Pumped: 13,180 Gal. Totel Sand in Formation: 60,200 lb.(20/40 White Sand) CO2 Downhole: 97 tons. CO2 Cooldown: 3 tons. ISIP: 3,307 psi. Frac Gradient: 0.94 psi/ft. Successfully flushed wellbore with 50Q foam

30 bbl over flush with 500 gal fluid cap.

2:00:00 PM

Stage 7 North Horn. Mesa EL.pickup 10 ft. perf gun with HES CFP RIH correlate to short joint run to setting depth check to casing collar set CFP @ 6620 pickup perforate North Horn@ 6588-6598 3JSPF 120 phasing 23 gram shot .410 hole. POOH turn well over to frac

5:30:00 PM

Stage 7 North Horn: 70Q Foam Frac. load Break@ 3529 @ 5.9 BPM. Avg. Weilhead Rate: 17.9 BPM. Avg. Slurry Rate: 8.3 BPM. Avg. CO2 Rate: 8.7 BPM. Avg. Pressure: 3868 psi. Max. Wellhead Rate: 21.5 Max. Slurry Rate: 10.6 BPM. Max. Co2 Rate: 13.2 BPM. Max. Pressure: 4107 PSI. Totel Fluid Pumped:14.997 gal. Totel Sand in Formation: 60,400 lb. (20/40 White Sand) CO2 Downhole: 80 tons. CO2 Cooldown: 3 Tons. ISIP: 3,704 psi. Frac Gradient: 1.01 psi/ft. ran short on CO2 after reaching 2100 gal. of foam in the flush. successfully flushed wellbore with 30 bbl over flush with 500

gal fluid cap.

6:30:00 PM

start flow on 18/64 ck. 2900 psi.



Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 11/30/2005 Report #: 24 End Time Description

Summary: MIRU Mesa EL. Set CFP under stage 5 12:00:00 PM Move in Mesa Wire line

@ 6920. MIRU HES Frac equipment.

1:00:00 PM pickup 51/2 HES composite frac plug RIH correlate to short joint run to setting depth set CFP @ 6920 POOH

3:00:00 PM SI FN

5:00:00 PM MIRU HES Frac equipment

Ops Date: 11/29/2005 Report #: 23 End Time Description
Summary: SICP 1550. POOH with tbg and bit. ND/ 7:00:00 AM SICP 1550

NU Frac Head 10:00:00 AM POOH with 23/8 tbg lay down seals

11:30:00 AM pump 60 bbl top kill

12:30:00 PM down BOPs nipple up Frac Head and test 3:00:00 PM Rig down pulling unit move equip. off loc

3:00:00 PM shut in well. production did not want gas.

Form 3160-5 (February 2005)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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5. L

FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

### SUNDRY NOTICES AND REPORTS ON WELLS

Expires: March 31, 2007	
ease Serial No.	
FIRST 0.004	

00110111	HOHOLO KILD	ILL OILLO OIL HEELES			
Do not use to abandoned w	6. If India	n, Alloftee or Tribe Name			
SUBMIT IN TR		or CA/Agreement, Name and/or No. s Point Unit			
1. Type of Well Oil Well	8. Well No	8. Well Name and No.			
2. Name of Operator Bill Barrett	Corporation		9. API W	s Point Unit Fed 16-26D-12-16	
3a. Address 1099 18th Street, Suite 2300, I	Denver, CO 80202	3b. Phone No. (include area code) 303-312-8168	10. Field a	30812 nd Pool, or Exploratory Area	
4. Location of Well (Footage, Sec	T., R., M., or Survey Descripti	ion)	Peter's	s Point / Mesaverde	
NWNW, 567' FNL, 1013' FW	L, Sec. 36-T12S-R16E		11. County  Carbo	or Parish, State n, UT	
12. CHECK A	PPROPRIATE BOX(ES)	TO INDICATE NATURE OF NOTICE	E, REPORT, OI	R OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION	V		
Notice of Intent  ✓ Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Production Fracture Treat Reclamatic		Water Shut-Off Well Integrity Other Weekly Activity	
Final Abandonment Notice	Change Plans Convert to Injection		ly Abandon	Report	
If the proposal is to deepen dire Attach the Bond under which the following completion of the inv	ectionally or recomplete horizon the work will be performed or provolved operations. If the operations	pertinent details, including estimated starting data intally, give subsurface locations and measured a provide the Bond No. on file with BLM/BIA. Re- tion results in a multiple completion or recombined the filed only offer all programments, including	nd true vertical depti equired subsequent retion in a new interva	is of all pertinent markers and zones. reports must be filed within 30 days at a Form 3160-4 must be filed once	

WEEKLY COMPLETION ACTIVITY REPORT FROM 12/05/05 - 12/12/2005.

determined that the site is ready for final inspection.)

14. Thereby certify that the foregoing is true and correct Name (Printed/Typed)  Matt Barber	Title	Permit Analyst						
(Figure Day Oct		1011110131111331						
Signature Matt Bal	Date	12/14/2005						
THIS SPACE FOR FEDERAL OR STATE OFFICE USE								
Approved by		Title	Date					
Conditions of approval, if any, are attached. Approval of this notice does not warrantertify that the applicant holds legal or equitable title to those rights in the subject lear which would entitle the applicant to conduct operations thereon.	Office							
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any States any false, fictitious or fraudulent statements or representations as to anymatter	person within	knowingly and willfully to make to its jurisdiction.	any department or agency of the United					

(Instructions on page 2)

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DEC 1 9 2005



Well Name : **Peter's Point #16-26D-12-16** API : 43-007-30812 Area : West Tavaputs

Ops Date: 12/12/2005 Report #: 36 End Time Description
Summary: land tbg on hanger, ND/NU tree and flow 7:00:00 AM SICP 1500

lines. pumpoff bit and sub, flow back,
RDMO, turn well over to production.
8:00:00 AM land tbg on hanger, ND BOPs NU X-mas Tree

RDMO. turn well over to production
9:00:00 AM
Pump off Weatherford pumpoff sub with cone bit. flow back.(\*see

Final Well Report\*) for depth

10:00:00 AM Rig down WSU

4:15:00 PM TBG To Sales 13 ck 1550 psi 1.5 MMCFD

Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 12/11/2005 Report #: 35 End Time Description

Summary: Drill composite frac plugs, clean out to 7:00:00 AM SICP.1550 blow down to 800 psi

PBTD. POOH to landing SDFN 7:30:00 AM trip in hole tag CFP @ 6060

10:00:00 AM Drill out CFP FCP 1100 psi on 38&36 ck.

11:30:00 AM TIH to CFP @ 6530 FCP 1250 no fill on plug

12:00:00 PM TIH tag CFP @ 6620 FCP 1225 on 38 choks

1:00:00 PM TIH tag CFP @6710 drill out FCP 1150 on two 38 ck. 2:00:00 PM TIH to 6920 tag no fill drill out FCP 1250 on 38 cks.

4:00:00 PM TIH with tbg to 8355 PBTD
5:30:00 PM POOH lay down tbg on float pulled to 5400 ft. 95 joints

6:00:00 PM shut in for night

Well Name: **Peter's Point #16-26D-12-16** API: 43-007-30812 Area: West Tavaputs

Ops Date: 12/10/2005 Report #: 34 End Time Description

Summary: Nipple down Frac Head. Nipple up BOPS
rig work floor. pickup bit, pumpoff sub
X&XN nipple. tally and rabbit tbg in hole.

7:00:00 AM
9:00:00 AM
Nipple down Well head Inc Frac head. Nipple up Weatherford BOPs.

drill kill plug and frac plugs

1:00:00 PM Pickup 43/4 Smith Cone bit, Weatherford pumpoff bit sub one jt. 23/8 tg XN nipple 1 jt tbg X nipple tally in hole tag CBP@ 5280 170 joints. rig Weatherford foam unit pump 15 bbl before drilling on plug

2:00:00 PM Drill kill plug. plug pushed tbg up hole. had to flow well untail

pressure dropped before pushing plug down hole

5:00:00 PM push plug to 5525 plug under stage 11, no fill on plug, drill out push

to CFP under stage 10 @ 5680 drill out no fill on plug. clean up well

5:30:00 PM shut in for night

Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 12/9/2005 Report #: 33 End Time Description

Summary: Flow back stages 1-11 7:00:00 AM Flow stages 1-11 FCP 1200 psi on 34 ck, recovered 240 bbl in 24

hours avg. of 10 BPH 2186 bbl left to recover

11:59:00 PM flow stages 1-11

3:00:00 PM MIRU Black Warrior EL Set kill plug @ 5280 POOH RDMO

6:00:00 PM MIRU DUCO WSU and equipment shut down for night

Report by Wellcore December 13, 2005 05:19 PM

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DEC 1 9 2005



API: 43-007-30812 Well Name: Peter's Point #16-26D-12-16 Area: West Tavaputs

Ops Date: 12/8/2005 Report #: 32 End Time Description

Summary: Flow back stages 1-11 7:00:00 AM Stages 1-11 FCP 1200 on 30 ck recoveredc 240bbl in 24 hours avg.

of 10 BPH

11:59:00 PM stages 1-11

Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 12/7/2005 Report #: End Time Description

@5495. flow back

Summary: Flow back SI @4AM. EL stage 11 set 4:00:00 AM Flow stages 1-10 FCP 1300 on 36 ck, recovered 190 bbl in 19 hours

CFP and perf stage 11. Frac.flow back avg.of 10 BPH 1954 bbl left to recover stages 1-11, RDMO Frac, Praix. BOC

7:00:00 AM SICP 1600 gases . Mesa EL. Flow back stages 1-11

Mesa RIH with tools. correlate to short joint RIH tag sand @ 5540 . 8:30:00 AM

pickup to 5525 set CFP pickup perforate @ 5502-5512 3JSPF 120 phasing 23 gram shot .410 hole POOH slow with EL. turn well over

9:00:00 AM Ready halliburton frac equipment.

11:30:00 AM Stage 11. 70Q Foam Frac North Horn, Load Break @4410 @

5.3BPM. Avg. Wellhead Rate:18.07 BPM. Avg. Slurry Rate:7.73 BPM. Avg. CO2 Rate: 9.4 BPM. Avg. Avg. Pressure: 3925 PSI. Max. Wellhead Rate: 19.7BPM. Max. Slurry Rate:9.1 BPM. Max. CO2 Rate:11.55 BPM. Max. Pressure:4410 PSI. Total Fluid Pumped:7,676 Gal. Total Sand in Formation:23,614 LB. (20/40 White Sand) CO2 Downhole:50tons.CO2 Cooldown: 10tons. ISIP:3,639 PSI. Frac Gradient:1.10 psi/ft. pumped 23 sack over design. Successfully flushed wellbore with 50 Q foam 30 bbo over

flush with 500 gal fluid cap.

12:30:00 PM RDMO Mesa EL. HES frac.

flow stages 1-11 FCP 18/64 ck. 2456 bbl to recover.

Well Name: Peter's Point #16-26D-12-16 API: 43-007-30812 Area: West Tavaputs

Ops Date: 12/6/2005 Report #: End Time Description

Summary: Flow back stages 1-10. EL run plug and 7:00:00 AM Stages 1-10 FCP 1400 psi on 28 ck. recovered 290 bbl in 11 hours perf guns tag sand @ 5472. flow back .

avg. of 26.36 BPH 2144 lef to recover

EL tag @ 5502. Flow back . run EL tag 8:00:00 AM Flow stages 1-10

9:00:00 AM MI RU Hot oil truck heat frac head 30 bbl 225 deg. water

> Rig Mesa EL Pickup 10 ft. perf gun and HES composite frac plug 10:30:00 AM

> > RIH correlate tshort joint RIH tag sand @ 5472 30 ft above stage

11.POOH

1:00:00 PM flow stages 1-10

2:00:00 PM Mesa RIH with EL tools tag sand @ 5502 @ top perf @ 5502-5512

POOH turn over to flow watch

5:00:00 PM Shut in flow back. RIH with EL tools correlate to short joint RIH tag

sand @ 5495 lost 7 ft of hole. POOH turn well over to flow watcher

5:00:00 PM flow back stages 1-10

11:59:00 PM flow back

December 13, 2005 05:19 PM Report by Wellcore



Ops Date: 12/5/2005 Report #: 29 End Time Description

Summary: Flow back stages 1-9. Plug, perf, frac 7:00:00 AM Stages 1-9 FCO 900 psi on 34 ck. recovered 330 bbl in 14.5 hours

stage 10, Flow back stages 1-10 avg. of 22.75 BPH 2081 bbl left to recover.

8:00:00 AM flow stages 1-9

3:00:00 PM Mesa El Stage 10. frac valve wouldnt open all the way made 23 turns out of 28, ice in valve.put methanol on valve gate. wait on hot

oil truck to heat frac head. hot oil truck broke fuel line. lost fuel shut down, wait on another truck to come from town, hot oil frac head

with 25 bbl kcl 250 D.water

4:00:00 PM Mesa EL. Stage 10. North Horn. pickup HES frac plug with 10 ft.

perf gun RIH correlate to short joint run to setting depth set HES CFP @ 5680 pick up perforate North Horn @ 5620-5630 3JSPF 120

phasing 23 gram shot .410 hole. POOH turn well over to frac.

5:15:00 PM Stage 10. North Horn. 70Q Foam. Load Break @ 4047 @ 6.0 BPM.

Avg. Wellhead Rate: 19.97 BPM. Avg. Slurry Rate: 8.54 BPM. Avg. CO2 Rate: 10.33 BPM. Avg. Pressure: 3732 PSI. Max. Wellhead Rate: 21.67 BPM. Max. Slurry Rate: 10.47 BPM. Max. CO2 Rate: 12.59 BPM. Max. Pressure:4191 PSI. Total Fluid Pumped: 9,314 Gal. Total Sand in Formation: 34,937 LB. (20/40 White Sand) CO2 Downhole: 57 tons. CO2 Cooldown: 3 tons. ISIP: 3,581 PSI. Frac Gradient: 1.08 psi/ft. pumped 4900 lb sand over the designed volume. Successfully flushed wellbore with 50Q foam 30 bbl over

flush with 500 gal fluid cap.

6:30:00 PM flow stages 1-10 CFP 3000 psi on 18 ck 2434 bbl to recover

Form 3160-5 (February 2005)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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FORM APPROVED OM B No. 1004-0137 Expires: March 31, 2007

SUNDRY Do not use th	5. Lease Serial No. UTU 0681  6. If Indian, Allottee or Tribe Name					
SUBMIT IN TR	IPLICATE- Other inst	(APD) for such pro	posals.		r CA/Agreement, Name and/or No.	
Oil Well  2. Name of Operator Bill Barrett C	8. Well Name and No.  Peter's Point Unit Fed 16-26D-12-16  9. API Well No.  4300730812					
1099 18th Street, Suite 2300, D  4. Location of Well (Footage, Sec.,	<del></del>	3b. Phone No. (include 303-312-8168		10. Field and Pool, or Exploratory Area Peter's Point / Mesaverde		
NWNW, 567' FNL, 1013' FW	L, Sec. 36-T12S-R16E			11. County  Carbon	or Parish. State  n, UT	
12. CHECK AI	PPROPRIATE BOX(ES) TO	INDICATE NATUR	E OF NOTICE, R	EPORT, OF	ROTHER DATA	
TYPE OF SUBMISSION		TYF	PE OF ACTION		·	
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	Deepen Fracture Treat New Construction Plug and Abandon	Production (State Reclamation Recomplete Temporarily Al		Water Shut-Off  Well Integrity  Other First Sales  Notification	
Final Abandonment Notice	Convert to Injection	Plug Back	Water Disposal			

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THIS SUNDRY IS BEING SUBMITTED AS NOTIFICATION OF FIRST SALES ON 12/11/05.

<ol> <li>I hereby certify that the foregoing is true and correct Name (Printed/Typed)</li> </ol>		
Matt Barber	Title Permit An	alyst
Signature Mott Bake	Date	12/14/2005
THIS SPACE FOR FEDERA	L OR STATE	OFFICE USE
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warracertify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.		

(Instructions on page 2)

RECEIVED

DEC 1 9 2005

Form 3160-4 (April 2004)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

## Bill Barrett Corporation CONFIDENTIAL

FORM APPROVED OMB NO. 1004-0137 Expires: March 31, 2007

la. Type	WE													
la. Type		LL CC	OMPL	ETION C	R RECOMPL	ETION	REPO	RT AN	D LOG		5	Leas	e Serial No U <b>0681</b>	).
	of Wall	Πο:	1 11/011	✓ Gas Wel	il Dry D	Other					6			ee or Tribe Name
	of Comple			New Well	Work Over		ПРІ	ne Back	TDiff	Resvr.		N/A	•	
0. 13pc	or Compic	dion.					٠٠٠٠	ug Duck		10071,	7	Unit	or CA Agr	ement Name and No.
			Oth			7.7.	<del></del>	· ·	177141		_	Pete	er's Point	Unit
2. Nam	e of Operat	or Bill	Barret	t Corporatio	on	Ui				-	8		Name and	Well No. Unit Fed 16-26D
3. Addr	ess 1099	18th Str	eet, Su	ite 2300				one No. 03-312-	(include ar	ea code)	9		Vell No. 107-30812	
4 I acc	tion of Wel	1 Panor	logation	n alaarhi and	in accordance with	. Fodoral r					10			or Exploratory
4, Loca	FIGHT OF MC	1 (Кероп	tocano	i cieui iy unu	in accordance with	reuerair	equireme	riis)						Unit/Mesaverde
	rrface	567' FN	L, 1013	FWL, NW	/NW						11	Can	T D M	on Block and
At to	p prod. inte	rval repo	rted belo	∞ 336 339' FS	<i>  93</i> 6L, 207' FEL, SE	SE (Se	c. 26, T1	2S, R16	E)		11.	Surve	y or Area	on Block and Sec. 36, T12S, R16E
	(	64 <b>9</b>	710	) Teres entres		40 D1(E)					12		ty <b>or</b> Parish	
		059 15		FEL, SESE							1.5	Carbo		UT
14. Date 07/0	Spudded 04/2005		15	5. Date T.D. I 07/23/20			6. Date C	٠.	d 12/12/ √ Ready 1		17.	6807'		RKB, RT, GL)*
18. Total	Depth: 1	√D <b>84</b> 4	10'	]	9. Plug Back T.D.	MD 83	80'		20. Dept	h Bridge Pl	iug Set:	MD	)	
	•	VD 806			2	TVD 80	יאמני					TV:	D	
21 Tuna				and Loga Bur	(Submit copy of				22. Was	well cored?	7	NIo.	Vac (Sul	omit analysis)
		_		•						wen corea? DST run?				omit report)
Hall	iburton S	D/DSN/I	HRI/BO	CS Delta 'T'	'; Black Warrior	· CBL/GR	//CCL			tional Surv			`	Submit copy)
23. Casir	no and Lin	er Recoi	d (Rei	ort all strin	igs set in well)	<del></del> -					<u>~).</u> Г		1	
Hole Size			t. (#/ft.)			Stage (	Cementer		f Sks. & of Cement	Slurry V (BBL)	ol.	Cemen	t Top*	Amount Pulled
12 1/4"	9 5/8	155 30	 6#	Surface	1033'	100	Pui	240 H		79 bbls.		0		
	70,0	700 0			1000			190 A		39 bbls.				
8 3/4"	5.5 N	80 1	 7#	Surface	8434'				50/50Po	427 bbl		900'		
	1													
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	+					<del></del>								
24. Tubin	a Record				1									1
Size	<del>-,</del>	Set (MT	)) Pack	er Depth (MI	O) Size	Depth S	Set (MD)	Packer I	Depth (MD)	Size	e	Depth	Set (MD)	Packer Depth (MD)
2 3/8"	5,426'		7		5, 5.25	+		.,				<del> </del>		<u> </u>
	cing Interv	als		<del></del>	_1	26. I	erforation	Record		l				
	Formatio			Тор	Bottom	P	erforated I	nterval		Size	No. Ho	les		Perf. Status
A) Nort	h Horn			5502'	6598'	80721	- 8186'		0.4	2" 3	Open			
B) Price	e River			6650'	7432'	7424'-	7432'		0.4	2" 2.	4		Open	
C) Blue	Castle			8072'	8186'	7290'	- 7296'		0.4	2" 1	8		Open	
D)						(contin	nued see	attachn	nt)					
27. Acid,	Fracture, Tr	eatment,	Cement	Squeeze, etc.										
I	Depth Inter	/al					IA.	nount an	d Type of N	Aaterial				
8,072' -	8,186'			70% CO2	foam frac: 89 to	ons CO2;	254 bbls.	of LGC	6, 40,511	# 20/40 O	ttawa	sand		
7,424' -	7,432'			70% CO2	foam frac: 107	tons CO2;	296 bbls	of LG	C 6, 79,30	0# <b>2</b> 0/40 (	Ottawa	sand		
7,290' -	7,296'			70% CO2	foam frac: 75 to	ns CO2;	178 bbls.	of LGC	6, 39,000	# 20/40 O	ttawa	sand		
	ed see att		t)											
	ction - Inte		1 T	- 123	10	Value	( Oil C		T Gas	I bestu	ction M	atha d		
Date First Produced	Test Date	Hours Tested	Test Produ	ction   Oil BBL		Water BBL	Oil Gravi Corr. AP		Gravity	riodu	CHOIL IVI	ELHOU		
2/11/2005	12/26/2006	24	<del>- '</del>	25	2,517	0				Fiov	ving			
Choke	Tbg. Press.	Csg.	24 Hr	Oil		Water	Gas/Oil		Well State	ıs				
ο.	Flwg. Sl 1194	Press.	Rate	BBL 25	1 1	BBL 0	Ratio			Proc	ducing			
Size	~. 1194	1435		1 23	4,311	· · · · · · · · · · · · · · · · · · ·	J							
23/64	nation T-1	-ival m												
23/64 28a. Prodi	Test		Test	Uil	Gas	Vater	Oil Grave	tv	Gas	Produ	ction M	ethod		
23/64	Test Date	Hours Tested	Test Produc			Vater BBL	Oil Gravi Corr. AP		Gas Gravity	Produ	ction Me	ethod		
23/64 28a. Produ Date First	Test	Hours	Produc	etion BBL	MCF E						ction Me	ethod		

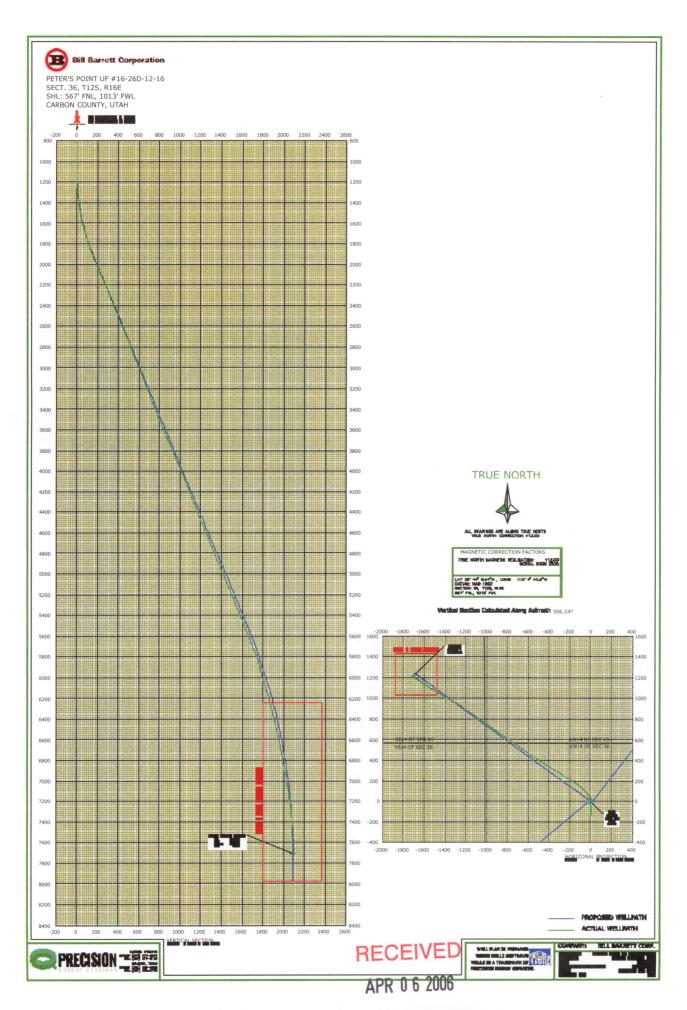
State Commence

28b. Produ	ction - Inte	rval C						, A		
Date First Produced	Test Date	Hours Tested	Test Production	BBL BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
28c. Prod	uction - Int	erval D			<u> </u>	_l				
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tog. Press. Flwg. Sl	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status		
•		ias (Sold, 1	ised for fuel,	vented, etc	.)					
Sold								T		
	•		(Include Aqu						ion (Log) Markers	
tests,	v all import including of ecoveries.	tant zones lepth inter	of porosity a val tested, cu	ind content shion used,	s thereof: ( time tool of	Cored interval en, flowing a	is and all drill-stem nd shut-in pressures			
Forn	nation	Тор	Bottom		Descr	iptions, Conte	nts, etc.		Name	Top Meas. Depth
								Green F Wasatch North H Price Ri Base of Bluecast Neslen TD	n Jorn Ver Upper Price	2031' 2952' 4930' 6625' 6851' 7989' 8280' 8440'
32. Addit	ional remar	ks (include	e plugging pr	ocedure):						
Сор	ies of logs	& directi	onal survey	already s	ubmitted.					
33 Indias	nte which it	mes have h	een attached	by placing	a check in	he appropriat	e boxes:			
☐ Ele	ectrical/Me ndry Notice	chanical Le for plugg	ogs (1 full se ing and ceme	t req'd.) nt verificat	ion Co	eologic Report ore Analysis	DST Report			
34. I here	by certify t	hat the fore	egoing and at	tached info	rmation is co	omplete and c	orrect as determined	from all availa	ble records (see attached instr	uctions)*
Name	(please pri	nt) Matt	Barber				Title Permit	Analyst		
			Barl				_ Date	2/8/06		
Title 18 U	J.S.C Secti false, fict	ion 1001 a itious or fi	nd Title 43 Uraudulent st	J.S.C Section	ion 1212, m r representa	ake it a crime tions as to ar	for any person knowny matter within its	wingly and wil jurisdiction.	Ifully to make to any departn	nent or agency of the United

(Form 3160-4, page 2)

26. PERFO	RATION RECO	RD (cont.	)	
INTERVAL	(Top/Bot-MD)	SIZE	NO. HOLES	PERFORATION STATUS
7,290'	7,296	0.42"	18	Open
7,029	7,118'	0.42"	30	Open
6,799'	6,846'	0.42"	30	Open
6,650'	6,660'	0.42"	30	Open
6,588'	6,598'	0.42"	30	Open
6,430'	6,497'	0.42"	30	Ореп
5,807'	5,992'	0.42"	30	Ореп
5,620'	5,630'	0.42"	30	Ореп
5,502'	5,512	0.42"	30	Open

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
7,029' - 7,118'	70% CO2 foam frac: 126 tons CO2; 408 bbls. of LGC 6, 100,328# 20/40 Ottawa sand
6,799' - 6,846'	70% CO2 foam frac: 157 tons CO2; 388 bbls. of LGC 6, 59,500# 20/40 Ottawa sand
6,650' – 6,660'	70% CO2 foam frac: 97 tons CO2; 236 bbls. of LGC 6, 60,200# 20/40 Ottawa sand
6,588' - 6,598' -	70% CO2 foam frac: 80 tons CO2; 240 bbls. of LGC 6, 60,400# 20/40 Ottawa sand
6,430' - 6,497'	70% CO2 foam frac: 103 tons CO2; 453 bbls. of LGC 6, 123,554# 20/40 Ottawa sand
5,807' – 5,992'	70% CO2 foam frac: 60 tons CO2; 217 bbls. of LGC 6, 49,710# 20/40 Ottawa sand
5,620' - 5,630'	70% CO2 foam frac: 57 tons CO2; 154 bbls. of LGC 6, 34,937# 20/40 Ottawa sand
5,502' - 5,512'	70% CO2 foam frac: 50 tons CO2; 118 bbls. of LGC 6, 23,614# 20/40 Ottawa sand





## **FINAL SURVEYS**

**FOR** 

### **BILL BARRETT CORP.**

### PETER'S POINT UNIT FEDERAL #16-26D-12-16

FROM SURFACE LOCATION:

CARBON COUNTY, UTAH

WELL FILE: 4005056C

**DECEMBER 29, 2005** 

PRECISION ENERGY SERVICES USA, INC. DRILLING & EVALUATION 7090 Barton Drive Casper, Wyoming 82604 Phone: (307) 577-8875 Fax: (307) 577-9182

RECEIVED APR 0 6 2006

DIV. OF OIL, GAS & MINING

#### PRECISION ENERGY SERVICES

Client : BILL BARRETT CORP. Page : 1 of 3
Well Name : PPUF#16-26D-12-16 Date : 12/29/2005
Location : CARBON COUNTY, UTAH File : 4005056C

# KB Elevation: 6830.00 Gr Elevation: 6807.00 Vertical Section Calculated Along Azimuth 306.24° All Bearings Are Along True North

MD	Inc	Azi	TVD	North	East	V'Sect	D'Leq	Build	Turn
ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00		SINGLE SHO		0.00	0.00	0.00	0.00
270.00	0.50	58.00	270.00	0.62	1.00	-0.44	0.19	0.19	21.48
520.00	0.75	293.00	519.99	1.84	0.42	0.75	0.45	0.10	-50.00
791.00	0.75	42.00	790.98	3.85	-0.03	2.30	0.45	0.00	40.22
			В	EGIN PES M	WD SURVEYS				
1061.00	0.81	103.15	1060.96	4.73	3.01	0.37	0.29	0.02	22.65
1122.00	0.38	70.53	1121.95	4.70	3.62	-0.14	0.87	-0.70	-53.48
1183.00	1.75	345.90	1182.94	5.67	3.59	0.46	2.88	2.25	-138.74
1244.00	3.63	335.90	1243.87	8.34	2.57	2.86	3.16	3.08	-16.39
1307.00	5.69	334.53	1306.66	12.98	0.41	7.34	3.27	3.27	-2.17
1369.00	7.56	334.53	1368.24	19.44	-2.66	13.64	3.02	3.02	0.00
1432.00	9.06	333.28	1430.58	27.61	-6.67	21.70	2.40	2.38	-1.98
1495.00	10.75	330.65	1492.64	37.16	-11.78	31.47	2.78	2.68	-4.17
1557.00	12.25	327.78	1553.39	47.77	-18.13	42.86	2.59	2.42	-4.63
1620.00	13.88	325.03	1614.76	59.61	-26.02	56.23	2.77	2.59	-4.37
1684.00	16.06	324.15	1676.59	73.08	-35.61	71.92	3.42	3.41	-1.37
1745.00	17.56	322.40	1734.98	87.21	-46.16	88.79	2.59	2.46	-2.87
1809.00	19.06	318.65	1795.74	102.71	-58.96	108.27	2.98	2.34	-5.86
1872.00	20.44	315.28	1855.03	118.25	-73.50	129.18	2.84	2.19	-5.35
1935.00	22.31	312.28	1913.70	134.11	-90.09	151.94	3.44	2.97	-4.76
1998.00	23.31	310.03	1971.77	150.17	-108.48	176.27	2.11	1.59	-3.57
2061.00	23.56	305.90	2029.58	165.57	-128.22	201.30	2.64	0.40	-6.56
2124.00	23.69	304.28	2087.30	180.09	-148.88	226.54	1.05	0.21	-2.57
2219.00	24.13	302.65	2174.15	201.31	-181.00	265.00	0.84	0.46	-1.72
2314.00	24.69	302.15	2260.66	222.35	-214.15	304.17	0.63	0.59	-0.53
2400 00	23.56	300 65	2247 26	242 50	247 20	242 06	1 25	1 10	1 50
2409.00 2502.00	23.56	300.65 302.40	2347.36 2432.79	242.59 261.80	-247.28 -278.62	342.86 379.48	1.35 0.96	-1.19 -0.60	-1.58 1.88
2502.00	23.00	302.40	2520.38	281.44	-309.72	416.18	0.47	-0.60	-0.26
2692.00	21.00	302.15	2608.59	299.69	-309.72	451.28	1.82	-0.46	-2.11
2787.00	20.19	300.13	2606.59	316.57	-339.67	484.52	0.86	-0.85	0.40
2787.00	20.19	300.55	2097.32	310.57	-300.71	404.52	0.86	-0.65	0.40
2880.00	20.13	302.15	2784.82	333.23	-396.08	516.46	0.60	-0.06	1.74
2974.00	20.75	303.03	2872.91	350.92	-423.74	549.21	0.74	0.66	0.94
3068.00	21.63	304.28	2960.55	369.75	-452.01	583.16	1.05	0.94	1.33
3160.00	22.38	303.78	3045.85	389.04	-480.58	617.60	0.84	0.82	-0.54
3255.00	21.50	302.15	3133.97	408.36	-510.35	653.04	1.13	-0.93	-1.72
2242 22	00.00	202 22	2007 55	405 75	F22 2:	606 07	0 50	0	
3349.00	20.88	303.28	3221.61	426.72	-538.94	686.95	0.79	-0.66	1.20
3444.00	21.13	304.40	3310.30	445.68	-567.22	720.97	0.50	0.26	1.18
3537.00	21.81	305.90	3396.84	465.28	-595.05	755.00	0.94	0.73	1.61

#### PRECISION ENERGY SERVICES

Client : BILL BARRETT CORP. Page : 2 of 3
Well Name : PPUF#16-26D-12-16 Date : 12/29/2005
Location : CARBON COUNTY, UTAH File : 4005056C

# KB Elevation: 6830.00 Gr Elevation: 6807.00 Vertical Section Calculated Along Azimuth 306.24° All Bearings Are Along True North

MD	Inc	Azi	$ exttt{TVD}$	North	East	V'Sect	D'Leg	Build	Turn
ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
3632.00	21.94	304.53	3485.01	485.69	-623.97	790.39	0.55	0.14	-1.44
3725.00	22.94	304.65	3570.96	505.85	-653.19	825.87	1.08	1.08	0.13
3820.00	23.44	305.53	3658.29	527.35	-683.80	863.27	0.64	0.53	0.93
3915.00	24.00	305.28	3745.26	549.49	-714.95	901.48	0.60	0.59	-0.26
4010.00	23.13	304.65	3832.34	571.26	-746.07	939.45	0.95	-0.92	-0.66
4104.00	22.75	304.90	3918.90	592.16	-776.16	976.08	0.42	-0.40	0.27
4198.00	22.50	303.90	4005.67	612.59	-806.00	1012.22	0.49	-0.27	-1.06
4293.00	22.13	303.78	4093.56	632.68	-835.96	1048.26	0.39	-0.39	-0.13
4385.00	21.38	304.40	4179.00	651.78	-864.20	1082.33	0.85	-0.82	0.67
4478.00	21.06	303.65	4265.70	670.62	-892.10	1115.97	0.45	-0.34	-0.81
4539.00	20.38	304.03	4322.75	682.64	-910.02	1137.53	1.14	-1.11	0.62
4601.00	21.25	304.90	4380.70	695.11	-928.18	1159.55	1.49	1.40	1.40
4695.00	22.25	306.65	4468.01	715.48	-956.43	1194.38	1.27	1.06	1.86
4790.00	22.38	307.65	4555.90	737.26	-985.18	1230.44	0.42	0.14	1.05
4883.00	22.00	306.28	4642.01	758.38	-1013.24	1265.56	0.69	-0.41	-1.47
4975.00	21.44	304.53	4727.48	778.11	-1040.99	1299.60	0.93	-0.61	-1.90
5069.00	22.25	306.53	4814.73	798.44	-1069.44	1334.57	1.17	0.86	2.13
5164.00	22.69	305.90	4902.52	819.89	-1098.74	1370.88	0.53	0.46	-0.66
5259.00	22.19	303.90	4990.32	840.64	-1128.47	1407.13	0.96	-0.53	-2.11
5353.00	22.38	304.78	5077.30	860.75	-1157.90	1442.75	0.41	0.20	0.94
5447.00	22.75	303.90	5164.11	881.10	-1187.69	1478.80	0.53	0.39	-0.94
5542.00	23.00	303.40	5251.64	901.56	-1218.43	1515.69	0.33	0.26	-0.53
5634.00	23.06	303.28	5336.30	921.34	-1248.50	1551.64	0.08	0.07	-0.13
5727.00	22.06	301.90	5422.19	940.57	-1278.55	1587.24	1.22	-1.08	-1.48
5822.00	22.06	301.03	5510.23	959.19	-1308.98	1622.80	0.34	0.00	-0.92
5917.00	22.00	300.40	5598.30	977.39	-1339.62	1658.27	0.26	-0.06	-0.66
6011.00	21.06	300.40	5685.74	994.85	-1369.37	1692.59	1.00	-1.00	0.00
6105.00	19.31	300.90	5773.96	1011.38	-1397.28	1724.86	1.87	-1.86	0.53
6200.00	17.44	301.44	5864.11	1026.87	-1422.90	1754.69	1.98	-1.97	0.57
6294.00	16.50	301.40	5954.02	1041.17	-1446.32	1782.03	1.00	-1.00	-0.04
6386.00	16.31	300.90	6042.27	1054.61	-1468.55	1807.91	0.26	-0.21	-0.54
6476.00	16.19	299.78	6128.68	1067.33	-1490.29	1832.96	0.37	-0.13	-1.24
6569.00	14.88	302.28	6218.28	1080.15	-1511.63	1857.76	1.58	-1.41	2.69
6663.00	14.25	301.78	6309.26	1092.69	-1531.67	1881.33	0.68	-0.67	-0.53
6756.00	13.81	302.65	6399.48	1104.71	-1550.75	1903.82	0.52	-0.47	0.94
6851.00	13.13	301.28	6491.87	1116.43	-1569.52	1925.89	0.79	-0.72	-1.44
6945.00	11.81	302.28	6583.65	1127.11	-1586.78	1946.12	1.42	-1.40	1.06

#### PRECISION ENERGY SERVICES

Client : BILL BARRETT CORP. Page : 3 of 3
Well Name : PPUF#16-26D-12-16 Date : 12/29/2005
Location : CARBON COUNTY, UTAH File : 4005056C

# KB Elevation: 6830.00 Gr Elevation: 6807.00 Vertical Section Calculated Along Azimuth 306.24° All Bearings Are Along True North

MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
ft	deg	deg	ft	ft	ft	ft	°/100	°/100	°/100
7039.00	11.63	302.53	6675.69	1137.34	-1602.90	1965.17	0.20	-0.19	0.27
7132.00	10.94	302.28	6766.89	1147.09	-1618.26	1983.33	0.74	-0.74	-0.27
7227.00	10.56	303.28	6860.22	1156.69	-1633.16	2001.02	0.45	-0.40	1.05
7320.00	9.50	304.40	6951.80	1165.70	-1646.62	2017.20	1.16	-1.14	1.20
7415.00	8.56	305.40	7045.62	1174.22	-1658.85	2032.11	1.00	-0.99	1.05
7508.00	8.44	301.40	7137.60	1181.79	-1670.32	2045.83	0.65	-0.13	-4.30
7600.00	7.94	304.65	7228.67	1188.92	-1681.31	2058.91	0.74	-0.54	3.53
7693.00	6.31	305.53	7320.94	1195.54	-1690.75	2070.44	1.76	-1.75	0.95
7787.00	4.81	304.40	7414.50	1200.77	-1698.21	2079.54	1.60	-1.60	-1.20
7882.00	4.38	301.78	7509.19	1204.93	-1704.58	2087.14	0.50	-0.45	-2.76
7976.00	3.63	301.40	7602.96	1208.37	-1710.17	2093.68	0.80	-0.80	-0.40
8037.00	3.19	300.53	7663.86	1210.24	-1713.28	2097.30	0.73	-0.72	-1.43
				EXT. TOT	AL DEPTH				
8089.00	3.19	300.53	7715.77	1211.71	-1715.77	2100.18	0.00	0.00	0.00

Bottom Hole Closure 2100.50ft Along Azimuth 305.23°



### United States Department of the Interior

### BUREAU OF LAND MANAGEMENT

Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



IN REPLY REFER TO 3180 UT-922

DEC 1 2 2006

Bill Barrett Corporation Attn: Doug Gundry-White 1099 18<sup>th</sup> Street, Suite 2300 Denver, Colorado 80202

Re: 3rd Revision Consolidated

Wasatch-Mesaverde Formation PA "A"

Peters Point Unit Carbon County, Utah

#### Gentlemen:

The 3rd Revision of the Consolidated Wasatch-Mesaverde Formation PA "A", Peters Point Unit, CRS No. UTU63014D, AFS No. 891000307D, is hereby approved effective as of December 1, 2005, pursuant to Section 11 of the Peters Point Unit Agreement, Carbon, Utah.

The 3rd Revision of the Consolidated Wasatch-Mesaverde Formation PA "A", Peters Point Unit, results in the addition of 312.50 acres to the participating area for a total of 4,444.31 acres and is based upon the completion of the following wells:

Well Number	API No.	Pottom Hole Location	Lease Number
4-31D-12-17	43-007-30810	NWNW,31-12S-17E	UTU03333
16-26D-12-16	43-007-30812	SESE, 26-12S-16E	UTU0681

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the establishment of the 3rd Revision of the Consolidated Wasatch-Mesaverde Formation PA "A", Peters Point Unit, and the effective date.

Sincerely,

/s/ Douglas F. Cook

Douglas F. Cook Chief, Branch of Fluid Minerals

**Enclosure** 

RECEIVED DEC 1 4 2006

DIV. OF OIL, GAS & MINING

bcc: Division of Oil, Gas & Mining
Peters Point Unit w/enclosure
MMS - Data Management Division (Attn: James Sykes)
Field Manager - Moab w/enclosure

Agr. Sec. Chron.
Reading File
Central FilesUT922:

CSeare:cs 12/12/2006 Peters Point

Form 3160-5 (August 2007)

### UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPRO	VE
OMB No. 1004-	013
Expires July 31	201

5. Lease Serial No.

Do not use this	form for proposals t Use Form 3160-3 (A	o drill or to re-	enter an	6 If Indian, Allottee	or Tribe Name
	NIT IN TRIPLICATE - Other			7. If Unit of CA/Agre	ement, Name and/or No
1 Type of Well		,-,		Prickly Poor Unity	<del>TU-79487</del> History / 2014
Oil Well Gas	Well  Other		,	8. Well Name and No See Attached	).
Name of Operator Bill Barrett Corporation				9. API Well No.	
3a. Address 1099 18th Street, Suite 2300, Denver, CO 80	202	3b. Phone No. (incli	ude <b>area</b> code)	10 Field and Pool or	Exploratory Area
4. Location of Well (Footage, Sec., T.	.R.,M., or Survey Description)		-	11. Country or Parish Carbon County, UT	
12. CHE	CK THE APPROPRIATE BO	X(ES) TO INDICAT	E NATURE OF NO	OTICE, REPORT OR OTH	ER DATA
TYPE OF SUBMISSION			TYPE OF A	ACTION	
✓ Notice of Intent	Acidize Alter Casing	Decpen Fracture Tre	_	Production (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report	Casing Repair	New Consti	ruction 🔲 1	Recomplete	Other Off-lease Water
	Change Plans	Plug and Al	bandon .	remporarily Abandon	Treatment
Final Abandonment Notice	Convert to Injection	Plug Back	,	Water Disposal	
ist and map of Peter's Point unit we			FOR REC	ORD ONLY	to meet additional water needs. A RECEIVED FEB 1 6 2010
					DIV. OF OIL, GAS & MINING
COA: Approval to be treated by in Sec. 16, TIRS	is granted to 1 the temporar RISE through I	take the y woder to Tuly 2010.	water provided ment	duced by fer-facility local	eter's fourt federalu ated on SITLA lan
4 I hereby certify that the foregoing is ( Name (Printed/Typed)  Tracey Fallang	rue and correct.	Title	Regulatory Anal	wet	
Signature LaCus	Fillanos		02/04/2010		
	THIS SPACE F	OR FEDERAL	OR STATE C	FFICE USE	
Approved by Many	n Herreliede.		Petroleu	m Engineer	FEB 0 8 2010
onditions of approval, if any, are attached that the applicant holds legal or equitable to the applicant to conduct operations	<li>d. Approval of this notice does r title to those rights in the subject</li>	not warrant or certify	Office		ELD OFFICE
itle 18 U.S.C Section 1001 and Title 43	U.S.C. Section 1212, make it a c	crime for <b>any person</b> k	nowingly and willful	ly to make to any departmen	t or agency of the United States any false.
ctitious or fraudulent statements or repre	sentations as to any matter with	in its jurisdiction.		у порисинен	

(Instructions on page 2)



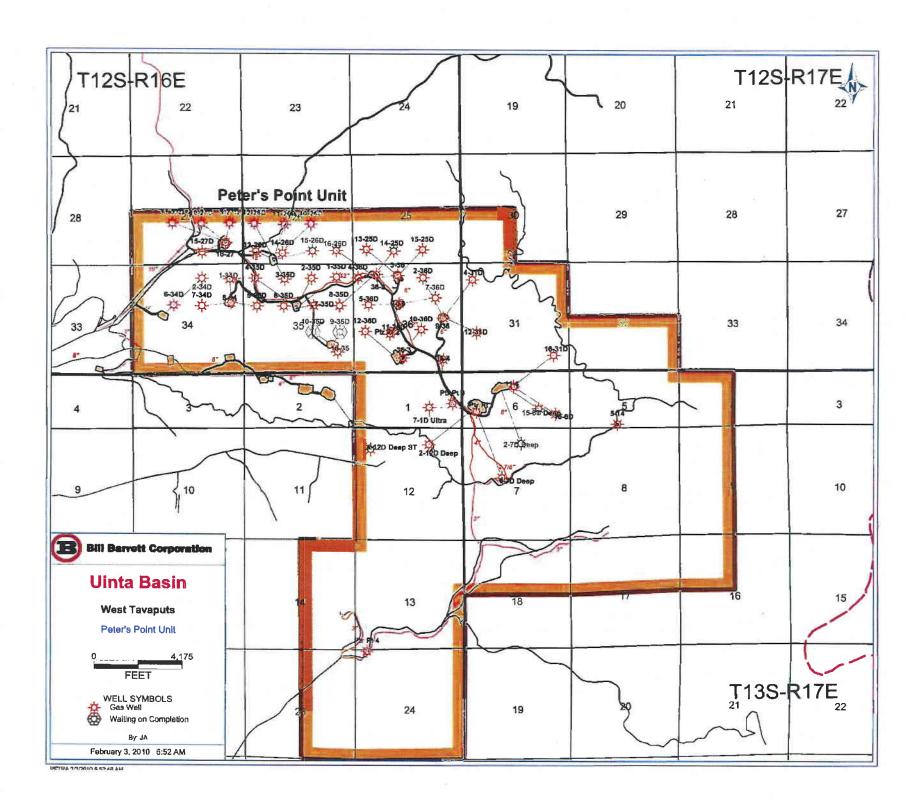
UWI/API		Status
	5-14-PETERS POINT	GAS
430073002300	9-PTRS PT UNIT	GAS
430071539300	9-PTRS PT UNIT 4-PTRS PT UNIT 2-PTRS PT UNIT 36-2-PtrsPtFed 36-3-PtrPtFed	GAS
430071539100	2-PIRS PI UNII	GAS
430073076100	36-2-PtrsPtFed	GAS
430073076200	36-3-PtrPtFed	GAS
400010010000	00-7-1 1131 11 CU	GAS
	1-PETERS POINT UNIT	
	1-PETERS POINT UNIT	GAS
430073098200	11-6-13-17	GAS
430073096500	11-6-13-17 16-35-12-16 16-27-12-16 8-34-12-16 6-35D-12-16	GAS
430073131800	16-27-12-16	GAS
4300/312/900	8-34-12-16	GAS
430073127500	6-35U-12-16	GAS
		GAS
430073100500	16-31D-12-17	GAS
430073100400	16-6D-13-17	GAS
430073101000	2-36D-12-16	GAS
430073100900	12-31U-12-17	GAS
430073101100	16-31D-12-17 16-6D-13-17 2-36D-12-16 12-31D-12-17 9-36-12-16 4-31D-12-17 6-7D-13-17 Deep 8-35D-12-16 16-26D-12-16 14-25D-12-16	GAS
430073081000	4-31D-12-17	GAS
4300/3085900	6-70-13-17 Deep	GAS
4300/3102400	8-35D-12-16	GAS
430073081200	10-20D-12-10	GAS
430073076400	14-25D-12-10	GAS GAS
430073115600	14-25D-12-16 2-12D-13-16 Deep 14-26D-12-16 6-34D-12-16 6-36-12-16 3-36-12-16 12-36D-12-16 10-36D-12-16	CAS
430073127700	14-20D-12-10	GAS
430073128100	0-34U-12-10	GAS GAS
4300/312/200	2 26 42 46	GAS
430073127100	12-10 12-36D-12-16	GAS
430073117300	10-36D-12-16	GAS
430073117400	15-6D-13-17 Deep	GAS
430073120100	4-12D-13-16 Deep ST	
400070444400	A 07D 40 40	GAS
430073141100	11_27D_12-16	GAS
430073140000	15-27D-12-16	GAS
430073140600	9-27D-12-16 11-27D-12-16 15-27D-12-16 10-26D-12-16	GAS
430073140400	15-26D-12-16	GAS
430073140700		GAS
430073135200		GAS
430073140300		GAS
430073140800		GAS
430073142700		GAS
430073142800		GAS
430073140500		GAS
430073134500		GAS
430073136500		GAS
430073147400		WOC
430073147400		woc
430073142900		GAS
-3001 O 172000	O COD TE TO	J, 10

UWI/API	LABEL	Status
430073134700	4-35D-12-16	GAS
430073134600	7-35D-12-16	GAS
430073134800	7-36D-12-16	GAS
430073135000	5-36D-12-16	GAS
430073135100	15-25D-12-16	GAS
430073131900	10-27D-12-16	GAS
430073132600	2-7D-13-17 Deep	GAS
430073132000	2-34D-12-16	GAS
430073134900	11-36D-12-16	GAS
430073135300	4-36D-12-16	GAS

### PETER'S POINT UNIT Status Legend

GAS Currently Producing WOC Waiting on Completion

Water could come from any of these GAS wells to be used in treatment process and reused for state completions.



## WEST TAVAPUTS PILOT WATER TREATMENT FACILITY NESW, SECTION 16, T12S-R15E

This is being submitted as notification that Bill Barrett Corporation (BBC) will be setting a temporary "pilot" water treatment facility within existing disturbance (no surface-laid lines are proposed) at the Prickly Pear Unit State 11-16 location. This facility will test the ability for BBC to reuse and recycle Prickly Pear unit water for approximately 16 state wells in Section 16 which are to be completed in 2010. It would also reduce truck traffic through Harmon Canyon associated with water hauling by approximately 16 trucks per day. Wells on Prickly Pear mesa generate approximately 1000 barrels of water per day (BWPD) and each well completion will take approximately 1300 BWPD. Any additional water needed for completion will come from currently approved water sources. This pilot facility will be in operation from January through July of 2010 and if successful, BBC will discuss the potential of making the facility permanent.

The process description is listed below and attachments to this proposal include proposed facility diagrams and maps and spreadsheets which indicate Prickly Pear wells involved with the water treatment process.

#### PROCESS DESCRIPTION

BBC will use an electro-coagulation (EC) process which transmits an electrical current through the water between iron plates. Iron hydroxyl-oxide (IHO) is formed by the electrical current in the form of a floc which then adsorbs compounds in the water. Compounds bound to the IHO create larger floc/solids known as hematite. The hematite is then skimmed off and placed into a tank to be hauled off of to a state approved disposal facility and a pH buffer is added to the water to lower the pH for re-use.

The EC system will treat approximately 1000-1200 BWPD (including flow-back water) and will be stored in clean tanks adjacent to the system. There will be ten 450-bbl holding tanks (two inlet water and eight treated water), three 450-bbl weir (skim) tanks and the actual EC system. There will also be a small generator to power a pump on location to assist in keeping the water flowing through the system. The tank battery will be bermed and the berms will be constructed to contain at a minimum 120 percent of the storage capacity of the largest tank within the berm. Any load lines and valves will be placed inside the berm.

After completion operations have ceased within Section 16, water will once again be diverted back to BBC's permitted saltwater disposal well in Sec. 24, T12S-R14E or a request for a permanent facility may be filed.

Form 3160-5 (August 2007)

### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FOR	ΜA	PP	RO	VED	
<b>OMB</b>	No.	10	04-	0137	
Evnire	e l	11.	31	2016	1

5. Lease Serial No.

**SUNDRY NOTICES AND REPORTS ON WELLS** 

Do not use this for abandoned well.	orm for proposals ( Jse Form 3160-3 (A			7	o. II muian, Allouc	e or Tribe I	Name		
SUBMIT  1. Type of Well	IN TRIPLICATE Other	r instructions o	n page 2.	1	7. If Unit of CA/As Prickly Pear Unit			Vor No.	****
Oil Well Gas W	ell 🚺 Other				8. Well Name and I	No.		<del></del>	<del></del>
2. Name of Operator Bill Barrett Corporation	on R Other				See Altached  O. API Well No.	<u></u>	<u> </u>	<u> </u>	
3a. Address		T21 Dt N-	4: 3: 3:						
1099 18th Street, Suite 2300, Denver, CO 8020	2	303-312-813	, (include <b>area</b> co <b>4</b>	ode)	10. Field and Pool	or Explorat	ory Area		
4. Location of Well (Footage, Sec., T. K	l.,M or Survey Description			3	II. Country or Pari Carbon County, U				
12. CHEC	K THE APPROPRIATE BO	X(ES) TO INI	DICATE NATURI	E OF NOTICI	E, REPORT OR OT	THER DAT	ľΑ		
TYPE OF SUBMISSION			TY	PE OF ACTION	אכ				
▼ Notice of Intent	Acidize Alter Casing	Deep	oen lure Treat	Produc	ction (Start/Resume) nation		Water Sh Well Inte	grity	H45044
Subsequent Report	Casing Repair	New	Construction	Recon	plete	Z		off-lease V	
Final Abandonment Notice	Change Plans Convert to Injection	☐ Plug ☐ Plug	and Abandon		orarily Abandon Disposal			iment of F	
following completion of the involve testing has been completed. Final A determined that the site is ready for BIII Barrett Corporation (BBC) is substituted by the staking properties of the prickly Pear unit, hauling it to a temp completion operations for approximal if successful, there is the potential of BBC has attached the SITLA submitted by the substitute of the successful that the site potential of BBC has attached the SITLA submitted by the substitute of the substitute	chandonment Notices must in final inspection.)  mitting this sundry in accordanced water and flowba orary, "pilot" water treatmely 16 state wells. This water being a permanent faul information for your recontact me at 303-312-8	ordance with Cock water from the treatment facility on water treatment facility.  cords.	er all requirement Onshore Order N federal and slat SITLA lands in S at and recyling p	ts, including ra ło. 7, III.B.2.t te leases (a r Sec. 16, T12 process will b	o, Disposal of Pronap and list of the S-R15E where it e in operation from	duced Wasse wells i	ater on S s attach ated and through	he operator State or Pri led) within d reused fo h July of 2	r has rivalely the for
14. I hereby certify that the foregoing is tru			13		77.				
Name (Printed/Typed) Tracey Fallang			Title Regulato	ory Analyst					
Signature Aacity	fallan	9	Date 01/14/20	110					
	THIS SPACE	FOR FEDE	RAL OR STA	ATE OFFI	CE USE				
Approved by  Manya  Conditions of approved in	Hereleck		Title	leum E	ngineer	Date	JAN	1 4 20	10
Conditions of approval, if any, are affached- hat the applicant holds legal or equitable titl ntitle the applicant to conduct operations th		not warrant or c	ould Office	•	PRICE FIE	LD OI	FFIC		
Fitle 18 U.S.C. Section 1001 and Title 43 II		crime for any se	reon knowingly on	od willfully to s	naka ta anu danaem	ant or some	mr of the	I Institut Cont	no seu folo:

fictitious or fraudulent statements or representations as to any matter within its jurisdiction,

# WEST TAVAPUTS PILOT WATER TREATMENT FACILITY NESW, SECTION 16, T12S-R15E

This is being submitted as notification that Bill Barrett Corporation (BBC) will be setting a temporary "pilot" water treatment facility within existing disturbance (no surface-laid lines are proposed) at the Prickly Pear Unit State 11-16 location. This facility will test the ability for BBC to reuse and recycle Prickly Pear unit water for approximately 16 state wells in Section 16 which are to be completed in 2010. It would also reduce truck traffic through Harmon Canyon associated with water hauling by approximately 16 trucks per day. Wells on Prickly Pear mesa generate approximately 1000 barrels of water per day (BWPD) and each well completion will take approximately 1300 BWPD. Any additional water needed for completion will come from currently approved water sources. This pilot facility will be in operation from January through July of 2010 and if successful, BBC will discuss the potential of making the facility permanent.

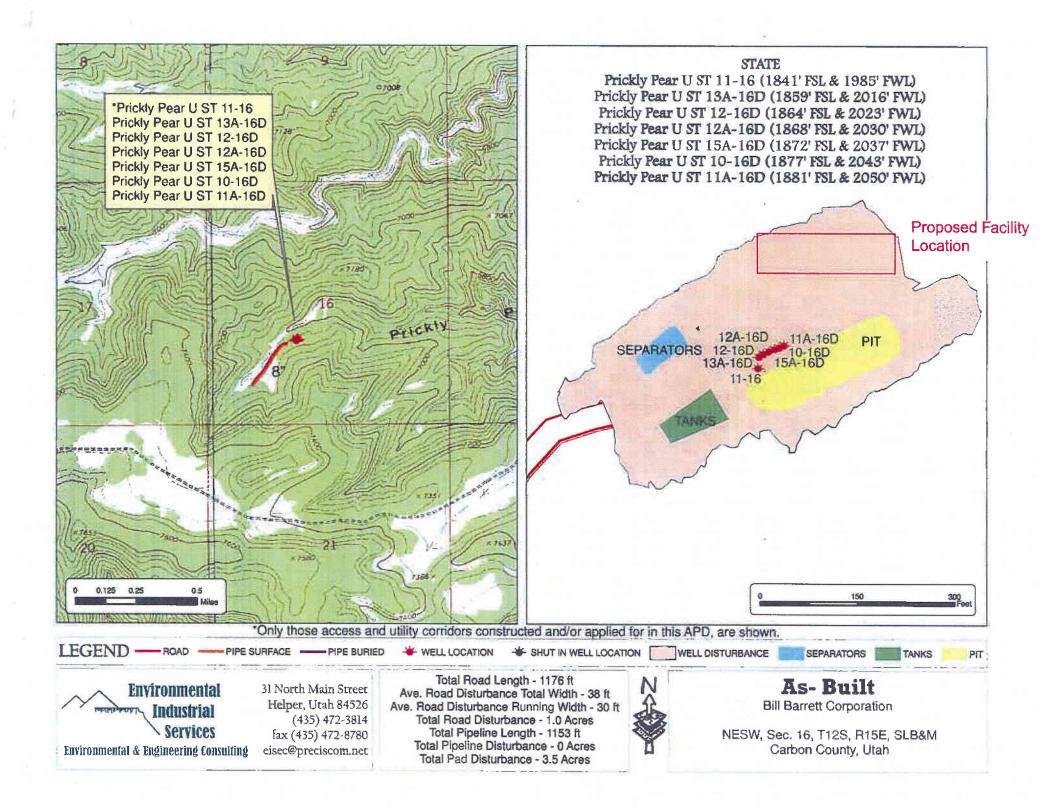
The process description is listed below and attachments to this proposal include proposed facility diagrams and maps and spreadsheets which indicate Prickly Pear wells involved with the water treatment process.

#### PROCESS DESCRIPTION

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After completion operations have ceased within Section 16, water will once again be diverted back to BBC's permitted saltwater disposal well in Sec. 24, T12S-R14E or a request for a permanent facility may be filed.



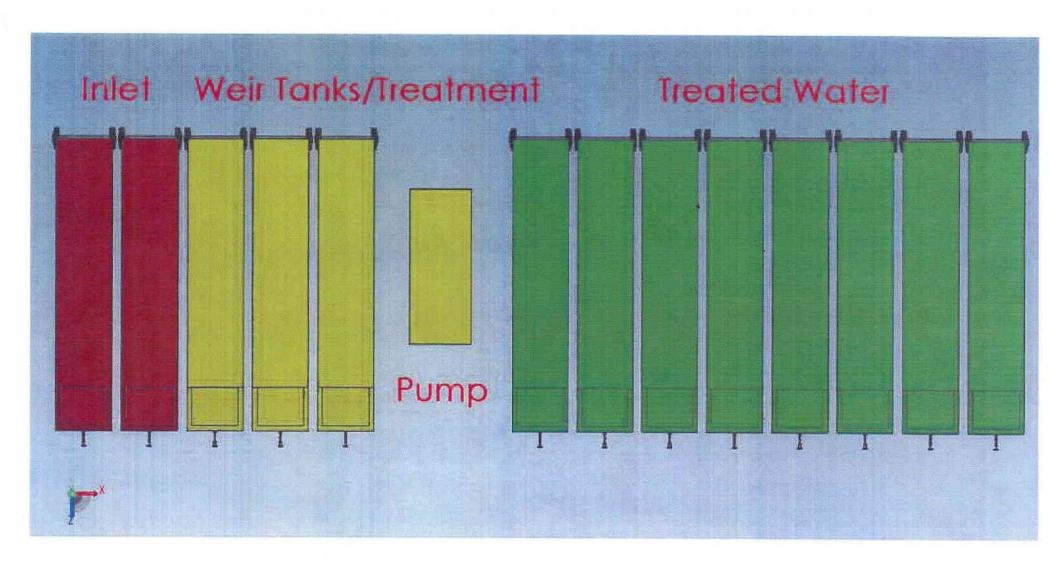
UWI/API	Well	Status	UWI/API	Well	Status
	1-GOVT PCKRL	GAS	430073123900	3-27D-12-15	GAS
	SC 1-STONE CABIN	GAS	430073123700	4-27D-12-15	GAS
	1-11-ST CAB-FED	GAS	430073124300	1-28-12-15	GAS
	33-1A-CLAYBANK SPRIN	GAS	430073124200	5-27D-12-15	GAS
	16-15 (12S-15E)	GAS	430073124400	8-28D-12-15	GAS
	2-B-27-ST CAB FED	GAS	430073124100	9-28D-12-15	GAS
	SC 1-ST CAB UNIT	GAS	430073128700	9-17-12-15	GAS
430073101800		GAS	430073129500	7-18D-12-15	GAS
	13-4 (12S-14E)	GAS	430073129400	1-18D-12-15	GAS
430073082800	_ · _ · <del>-</del> · -	GAS	430073124000	9-16-12-15	GAS
430073082300		GAS	430073124500	1-16-12-15	GAS
430073095400		GAS	430073136200	2-28D-12-15	GAS
430073093300		GAS	430073139900	11-22D-12-15	GAS
430073100800		GAS	430073136000	4-22D-12-15	GAS
430073094300		GAS	430073140000	14-22D-12-15	GAS
430073094500		GAS	430073139800	12-22D-12-15	GAS
430073094400		GAS	430073136100	6-22D-12-15	GAS
430073119300		GAS	430073141300	6-21D-12-15	GAS
430073098500		GAS	430073141200	11-21D-12-15	GAS
430073128900		GAS	430073141400	12-21D-12-15	GAS
430073086000	· -	GAS	430073142100	2-20D-12-15	GAS
430073107300		GAS	430073141900	8-20D-12-15	GAS
430073119600		GAS	430073135900	14-15D-12-15	GAS
430073120600		GAS	430073145600	12-16D <b>-</b> 12-15	GAS
430073118300		GAS	430073139400	10-18D-12-15	GAS
430073119800		GAS	430073128200	14-26D-12-15	GAS
430073116400		GAS	430073128800	1-17D-12-15	GAS
430073116600		GAS	430073129600		GAS
430073116500		GAS	430073131400		GAS
430073112100		GAS	430073131600		GAS
430073107500		GAS	430073131000		GAS
430073107400		GAS	430073130900		GAS
430073107600		GAS	430073131100	· · · · · - · · - · •	GAS
430073118700	·- · ·	GAS	430073131200		GAS
430073118600		GAS	430073132800		GAS
430073118800		GAS	430073131500		GAS
430073135800		GAS	430073130800		GAS
430073119200		GAS	430073130700		GAS
430073118400		GAS	430073131300		GAS
430073119700		GAS	430073131700		GAS
430073119400		GAS	430073145900		GAS
430073119500		GAS	430073132100		GAS
430073118900		GAS	430073132400		GAS
430073125900		GAS	430073132900		GAS
430073126000		GAS	430073136400		GAS
430073128300		GAS	430073136800		GAS
430073128500		GAS	430073136300		GAS
430073128400		GAS	430073140100		GAS
430073125700		GAS	430073139300		GAS
430073125800		GAS	430073139500		GAS
430073122600		GAS	430073139600		GAS
430073122700		GAS	430073145800		GAS
430073123800	13-22-12-15	GAS	430073146100		GAS
			430073146000	11A-16D-12-15	GAS

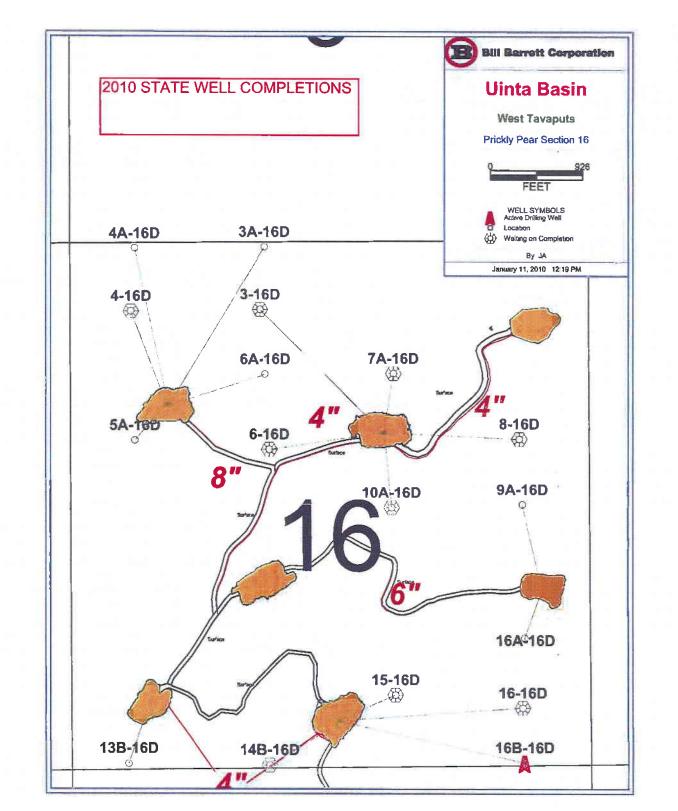
UWI/API	Well	Status
430073148000	5A-16D-12-15	LOC
430073148500	9A-16D-12-15	LOC
430073147900	4A-16D-12-15	LOC
430073148100	3A-16D-12-15	LOC
430073147700	6A-16D-12-15	LOC
430073148400	16A-16D-12-15	LOC
430073151600	13B-16D-12-15	LOC
430073095300	12-24-12-14	SWD
430073142200	7A-16D-12-15	WOC
430073142500	3-16D-12-15	WOC
430073145500	8-16D-12-15	WOC
430073142300	6-16D-12-15	WOC
430073132300	16-16D-12-15	WOC
430073142400	10A-16D-12-15	WOC
430073151500	14B-16D-12-15	WOC
430073132200	15-16D-12-15	WOC
430073147800	4-16D-12-15	WOC
430073151400	16B-16D-12-15	DRL

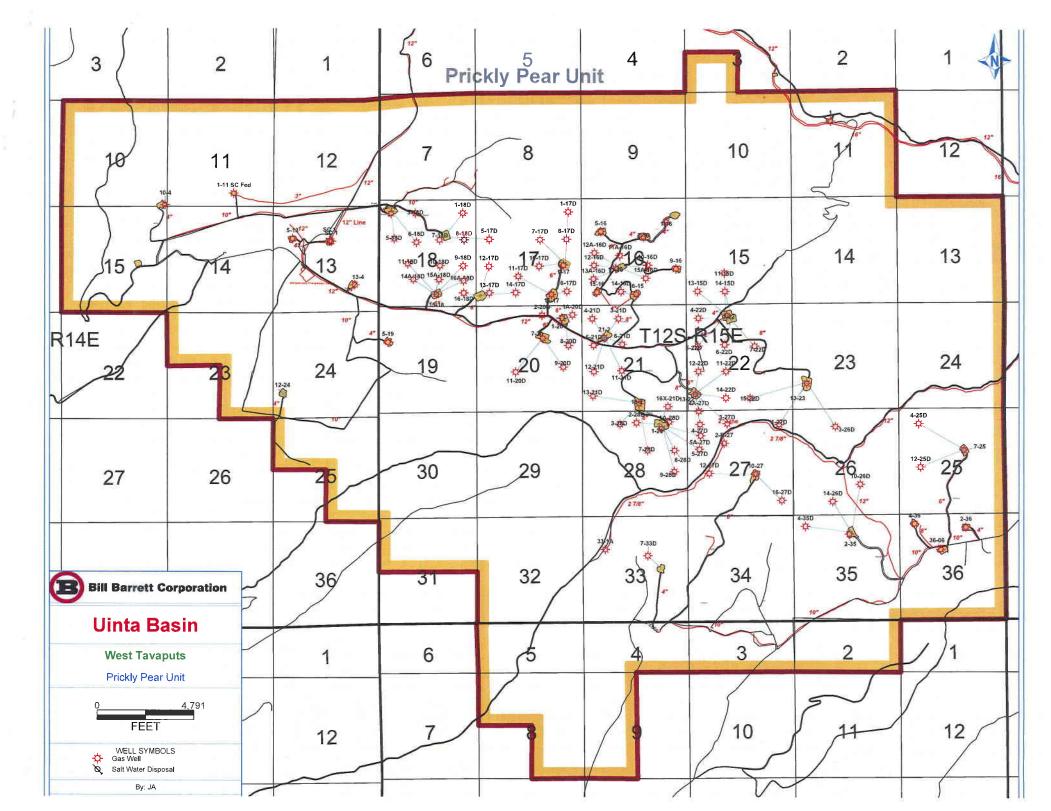
### Status Legend

Currently Drilling
Currently Producing
2010 Location
Salt Water Disposal
Waiting on Completion

Yellow indicates state wells that will be completed in 2010 using treated Prickly Pear Unit water. Water could come from any of these wells to be used in treatment process and reused for state well completions.







## Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET (for state use only)

ROUTING
CDW

X - Change of Operator (Well Sold)			Operator Name Change/Merger								
The operator of the well(s) listed below has change	ged, effecti	ive:	1/1/2014								
FROM: (Old Operator): N2165-Bill Barrett Corporation 1099 18th Street, Suite 230 Denver, CO 80202		TO: ( New Operator): N4040-EnerVest Operating, LLC 1001 Fannin Street, Suite 800 Houston, TX 77002									
Phone: 1 (303) 312-8134			Phone: 1 (713) 659-3500								
CA No.			Unit: Peter Point								
	SEC TW	N RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS				
See Attached List							I				
OPERATOR CHANGES DOCUMENTA Enter date after each listed item is completed  1. (R649-8-10) Sundry or legal documentation wa  2. (R649-8-10) Sundry or legal documentation wa  3. The new company was checked on the <b>Departm</b> 4a. Is the new operator registered in the State of U  5a. (R649-9-2) Waste Management Plan has been re  5b. Inspections of LA PA state/fee well sites comple	s received s received nent of Co tah: ceived on: ete on:	from the	e NEW operator e, Division of Co Business Numb Not Yet Yes	on: orporation	1/7/2014 1/7/2014 s Database on: 8850806-0161		1/28/2014				
<ul> <li>5c. Reports current for Production/Disposition &amp; S</li> <li>6. Federal and Indian Lease Wells: The BL or operator change for all wells listed on Federal</li> <li>7. Federal and Indian Units:</li> </ul>	M and or t	the BIA	= =	e merger, na		BIA	_ N/A				
<ol> <li>Federal and Indian Units:         <ul> <li>The BLM or BIA has approved the successor</li> </ul> </li> <li>Federal and Indian Communization Agrange The BLM or BIA has approved the operator of the Underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced/secondary recovery underground Injection Control ("UIC" Inject, for the enhanced ("UIC" Inject, for the</li></ol>	reements for all well ) Division	s ("CA" s listed von has a	'): vithin a CA on: pproved UIC F	orm 5 Tra		ity to Yes	_				
<ol> <li>Changes entered in the Oil and Gas Database</li> <li>Changes have been entered on the Monthly Op</li> <li>Bond information entered in RBDMS on:</li> <li>Fee/State wells attached to bond in RBDMS on</li> <li>Injection Projects to new operator in RBDMS of</li> </ol>	erator Cl : on:		1/28/2014 oread Sheet on: 1/28/2014 1/28/2014 1/28/2014	- - -	1/28/2014						
<ul><li>6. Receipt of Acceptance of Drilling Procedures for</li><li>7. Surface Agreement Sundry from NEW operator</li><li>BOND VERIFICATION:</li></ul>					1/7/2014 1/7/2014	•					
<ol> <li>Federal well(s) covered by Bond Number:</li> <li>Indian well(s) covered by Bond Number:</li> <li>(R649-3-1) The NEW operator of any state/fe</li> <li>The FORMER operator has requested a release</li> </ol>			- - umber N/A	B008371							
LEASE INTEREST OWNER NOTIFIC  4. (R649-2-10) The NEW operator of the fee wells of their responsibility to notify all interest owner  COMMENTS:	has been o	contacte		by a letter fr 1/28/2014							

# Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Peter Point Unit

				Peter Point L						,
Well Name	·					Mineral	Lease	Surface Lease	Well Type	Well Status
PPU FED 11-34D-12-16			160E			Federal		Federal	GW	APD
PPU FED 10-34D-12-16		120S	160E			Federal		Federal	GW	APD
PETERS POINT UF 15X-36D-12-16		120S	160E	4300750178	·	Federal		Federal	GW	APD
PETERS POINT UF 10-1D-13-16		120S	160E	4300750182		Federal		Federal	GW	APD
PETERS POINT UF 9-1D-13-16	36	120S	160E	4300750183		Federal		Federal	GW	APD
PPU FED 9-34D-12-16	34		160E	4300731430	17225	Federal		Federal	GW	OPS
PPU FED 15-35D-12-16	35	120S	160E	4300731475		Federal		Federal	GW	OPS
PETERS POINT U FED 12A-6D-13-17	31	120S	170E	4300750034	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 11A-31D-12-17	31	120S	170E	4300750036	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 9-6D-13-17	6	130S	170E	4300750120	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 14-6D-13-17	6	130S	170E	4300750121	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 15-6D-13-17	6	130S	170E	4300750122	2470	Federal		Federal	GW	OPS
PETERS POINT UF 2-7D-13-17	6	130S	170E	4300750149	2470	Federal		Federal	GW	OPS
PETERS POINT UF 1-7D-13-17	6	130S	170E	4300750150	2470	Federal		Federal	GW	OPS
PETERS POINT U FED 36-2		120S	160E	4300730761		Federal		Federal	GW	P
PETERS POINT U FED 36-3		120S	160E	4300730762		Federal		Federal	GW	P
PETERS POINT U FED 36-4		120S	160E	4300730763		Federal		Federal	GW	P
PETERS POINT U FED 14-25D-12-16		120S	160E	4300730764		Federal		Federal	GW	P
PETERS POINT U FED 4-31D-12-17	_	120S	160E	4300730810		Federal		Federal	GW	P
PETERS POINT U FED 16-26D-12-16		120S	160E	4300730812		Federal		Federal	GW	P
PETERS POINT U FED 6-7D-13-17		130S	170E	4300730859		Federal		Federal	GW	P
PETERS POINT U FED 16-35	_	120S	160E	4300730965		Federal		Federal	GW	P
PETERS POINT U FED 11-6-13-17		130S	170E	4300730982		Federal		Federal	GW	P
PETERS POINT U FED 16-6D-13-17		130S	170E	430073004		Federal		Federal	GW	P
PETERS POINT U FED 16-31D-12-17		130S	170E	4300731004		Federal		Federal	GW	P
PETERS POINT U FED 12-31D-12-17		120S	160E	4300731009		Federal		Federal	GW	P
PETERS POINT U FED 2-36D-12-16		120S	160E		-	Federal		Federal	GW	P
PETERS POINT U FED 9-36-12-16	_	120S	160E	4300731010		Federal		Federal	GW	P
PETERS POINT U FED 9-36-12-16  PETERS POINT U FED 8-35D-12-16	_	120S 120S	160E			Federal			GW	P
PETERS POINT U FED 4-12D-13-16		120S 130S	160E	4300731024				Federal	GW	P
PETERS POINT U FED 2-12D-13-16	_		170E	4300731049				State	GW	P
PETERS POINT U FED 10-36D-12-16	·	130S		4300731158				Federal		P
		120S	160E	4300731174		Federal		Federal	GW	
PETERS POINT U FED 12-36D-12-16		120S	160E	4300731175		Federal		Federal	GW	P
PPU FED 15-6D-13-17		130S		4300731261				Federal	GW	P
PP UF 3-36-12-16	+			4300731271				Federal	GW	P
PP UF 6-36-12-16		120S	160E	4300731272		Federal		Federal	GW	P
PPU FED 6-35D-12-16	-	120S	160E	4300731275		Federal		Federal	GW	P
PPU FED 8-34-12-16	<del> </del>	120S	160E	4300731279		Federal		Federal	GW	P
PPU FED 6-34D-12-16		120S	160E	4300731281		Federal		Federal	GW	P
PPU FED 7-1D-13-16 ULTRA DEEP	<del>}                                    </del>		170E	4300731293				Federal	GW	P
PPU FED 16-27-12-16	1	120S	160E	4300731318		Federal		Federal	GW	P
PPU FED 10-27D-12-16		120S	160E	4300731319		Federal		Federal	GW	P
PPU FED 2-34D-12-16		120S	160E	4300731320		Federal		Federal	GW	P
PPU FED 2-7D-13-17 DEEP		130S	170E	4300731326				Federal	GW	P
PPU FED 2-35D-12-16	35	120S	160E	4300731345	2470	Federal		Federal	GW	P
PPU FED 7-35D-12-16	35	120S	160E	4300731346	2470	Federal		Federal	GW	P
PPU FED 4-35D-12-16	35	120S	160E	4300731347	2470	Federal		Federal	GW	P
PPU FED 7-36D-12-16	36	120S	160E	4300731348	2470	Federal		Federal	GW	P
PPU FED 11-36D-12-16	36	120S	160E	4300731349	2470	Federal		Federal	GW	P
PPU FED 15-25D-12-16	36	120S	160E	4300731351	2470	Federal		Federal	GW	P
PPU FED 13-25D-12-16		120S	160E	4300731352		Federal		Federal	GW	P
PPU FED 4-36D-12-16	-	120S	160E			Federal		Federal	GW	P
PPU FED 1-35D-12-16		120S	160E	4300731365		Federal		Federal	GW	P
PPU FED 13-26D-12-16		120S	160E	4300731403		Federal		Federal	GW	P
PPU FED 15-26D-12-16	·	120S	160E	4300731404		Federal		Federal	GW	P
PPU FED 3-35D-12-16		120S		4300731404		Federal		Federal	GW	P
1101603-330-12-10	20	1400	TOOL	TJ00131403	24/0	Loucial		1 cuciai	UW	1

# Bill Barrett Corporation (N2165) to EnerVest Operating, LLC (N4040) Effective 1/1/2014 Peter Point Unit

Well Name	Sec TWN		API Number		Mineral Lease	Surface Lease	Well Type	Well Status
PPU FED 10-26D-12-16	26 120S	160E	4300731406		Federal	Federal	GW	P
PPU FED 11-26D-12-16	26 120S	160E	4300731407		Federal	Federal	GW	P
PPU FED 12-26D-12-16	26 120S	160E	4300731408		Federal	Federal	GW	P
PPU FED 11-27D-12-16	27 120S	160E	4300731409		Federal	Federal	GW	P
PPU FED 15-27D-12-16	27 120S	160E	4300731410		Federal	Federal	GW	P
PPU FED 9-27D-12-16	27 120S	160E	4300731411		Federal	Federal	GW	P
PPU FED 1-34D-12-16	34 120S	160E	4300731427		Federal	Federal	GW	P
PPU FED 7-34D-12-16	34 120S	160E	4300731428		Federal	Federal	GW	P
PPU FED 5-35D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 3-34D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 5-34D-12-16	34 120S	160E			Federal	Federal	GW	P
PPU FED 4-34D-12-16	34 120S	160E	4300731467		Federal	Federal	GW	P
		160E			Federal	Federal	GW	P
PPU FED 10-35D-12-16	35 120S		4300731474				GW	P
PPU FED 9-35D-12-16	35 120S	160E	4300731476		Federal	Federal		P
PETERS POINT U FED 9-26D-12-16	25 120S	160E	4300750021		Federal	Federal	GW	·
PETERS POINT U FED 11-25D-12-16	25 120S	160E	4300750022		Federal	Federal	GW	P
PETERS POINT U FED 10-31D-12-17	31 1208	170E	4300750023		Federal	Federal	GW	P
PETERS POINT U FED 11-31D-12-17	31 120S	170E	4300750024		Federal	Federal	GW	P
PETERS POINT U FED 13A-31D-12-17	31 120S	170E	4300750025		Federal	Federal	GW	P
PETERS POINT U FED 13-31D-12-17	31 120S	170E	4300750026		Federal	Federal	GW	P
PETERS POINT U FED 14-31D-12-17	31 120S	170E	4300750027		Federal	Federal	GW	P
PETERS POINT U FED 14A-31D-12-17	31 120S	170E	4300750028		Federal	Federal	GW	P
PETERS POINT U FED 12-25D-12-16	25 120S	160E	4300750029		Federal	Federal	GW	P
PETERS POINT U FED 12-6D-13-17	31 120S	170E			Federal	Federal	GW	P
PETERS POINT U FED 10-25D-12-16	25 120S	160E			Federal	Federal	GW	P
PETERS POINT U FED 13-36D-12-16	36 120S	160E	4300750037		Federal	Federal	GW	P
PETERS POINT U FED 15-36D-12-16	36 120S	160E		••••	Federal	Federal	GW	P
PETERS POINT U FED 11-1D-13-16	36 120S	160E	4300750039	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-1D-13-16	36 120S	160E	4300750040	2470	Federal	Federal	GW	P
PETERS POINT U FED 3A-34D-12-16	27 120S	160E	4300750063	2470	Federal	Federal	GW	P
PETERS POINT U FED 4A-34D-12-16	27 120S	160E	4300750064	2470	Federal	Federal	GW	P
PETERS POINT U FED 12-27D-12-16	27 120S	160E	4300750065	2470	Federal	Federal	GW	P
PETERS POINT U FED 13-27D-12-16	27 120S	160E	4300750066	2470	Federal	Federal	GW	P
PETERS POINT U FED 13A-27D-12-16	27 120S	160E	4300750067	2470	Federal	Federal	GW	P
PETERS POINT U FED 14A-27D-12-16	27 120S	160E	4300750069	2470	Federal	Federal	GW	P
PETERS POINT U FED 5-31D-12-17	36 120S	160E	4300750109	2470	Federal	Federal	GW	P
PETERS POINT U FED 6-31D-12-17	36 120S	160E	4300750116	2470	Federal	Federal	GW	P
PETERS POINT U FED 9X-36D-12-16	36 120S	160E	4300750117	2470	Federal	Federal	GW	P
PETERS POINT U FED 1-36D-12-16	36 120S	160E	4300750118	2470	Federal	Federal	GW	P
PETERS POINT U FED 10-6D-13-17	6 130S	170E	4300750119	2470	Federal	Federal	GW	P
PETERS POINT U FED 15-31D-12-17	6 130S	170E	4300750123	2470	Federal	Federal	GW	P
PETERS POINT UF 12-5D-13-17	6 130S	170E	4300750151	2470	Federal	Federal	GW	P
PETERS POINT UF 13-5D-13-17	6 130S	170E	4300750152	2470	Federal	Federal	GW	P
PETERS POINT UF 13-30D-12-17	30 120S	170E	4300750153	18347	Federal	Federal	GW	P
PETERS POINT UF 14-30D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 12-30D-12-17	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 11-30D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 3-31D-12-17	30 120S	170E	4300750157		Federal	Federal	GW	P
PETERS POINT UF 2-31D-12-17	30 120S	170E				Federal	GW	P
PETERS POINT UF 16-25D-12-16	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 9-25D-12-16	30 120S	170E			Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16	36 120S	160E			Federal	Federal	GW	P
PETERS POINT UF 7X-36D-12-16  PETERS POINT UF 8-36D-12-16	36 120S	160E			Federal	Federal	GW	P
PPU FED 14-26D-12-16	26 120S		4300730232		Federal	Federal	GW	S
						-		
PPU FED 5-36D-12-16	36 120S	TOUE	4300731350	2470	Federal	Federal	GW	S

FORM 9

### STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: (see attached well list)
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged we drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL  OIL WELL  ORS WELL  OTHER  OTHER	8. WELL NAME and NUMBER:  (see attached well list)
2. NAME OF OPERATOR:	9. API NUMBER:
ENERVEST OPERATING, LLC  3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
1001 FANNIN, ST. STE 800 CITY HOUSTON STATE TX ZIP 77002 (713) 659-35	
4. LOCATION OF WELL  FOOTAGES AT SURFACE: (see attached well list)	COUNTY:
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH
OUTOX ADDDODDIATE DOVED TO INDICATE NATURE OF NOTICE	
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:  1/1/2014 CHANGE TO PREVIOUS PLANS CHANGE TUBING Date of work completion:  COMMINGLE PRODUCING FORMATIONS  CONVERT WELL TYPE  PRECLAMATION OF WELL SITE  CONVERT WELL TYPE  CENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION  ACIDIZE  ACIDIZE DEEPEN ALL FUTURE CORRESPONDENCE TO THE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, dept  ENERVEST OPERATING, LLC IS SUBMITTING THIS SUNDRY AS NOTIFICATION ATTACHED LIST HAVE BEEN SOLD TO ENERVEST OPERATING, LLC BY BILL E  EFFECTIVE 1/1/2014. PLEASE REFER ALL FUTURE CORRESPONDENCE TO THE PROPOSED OR COMPLETED OPERATIONS. The proposed of the performance of the p	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: RMATION This, volumes, etc. THAT THE WELLS LISTED ON THE BILL BARRETT CORPORATION
713-659-3500 (BLM BOND # RLB 7886 , STATE/FEE BOND # BONS 32/	)
•	PERATING, LLC
Duane Zavadi/AME (PLEASE PRINT)  Non 2m/s Signature  Senior Vice President -  EH&S, Government and Regulatory Affairs  N21165	YOUNG NAME (PLEASE PRINT)  LEGULATORY  N4040
PONNIE VOUNG DIRECTO	DR - REGULATORY
SIGNATURE DATE 12/10/201	
(This space for State use on APPROVED	DECEIVED

KECEIVED

JAN 07 2014

JAN 2 8 2013 4 - RT DELOIL GAS & MINING

(See Instructions on Reverse Side)

Well Name	Sec	TWN	RNG API Number E1	ntity Lease	Well Type	Well Status	Unit
JACK CANYON UNIT 8-32	32	120S	160E 4300730460	15167 State	WI	A	
JACK CYN U ST 14-32	32	120S	160E 4300730913	15166 State	WD	A	
PRICKLY PEAR U FED 12-24	24	120S	140E 4300730953	14467 Federal	WD	A	
PPU FED 11-23D-12-15	23	120S	150E 4300731440	Federal	GW	APD	PRICKLY PEAR
PPU FED 4-26D-12-15	23	120S	150E 4300731441	Federal	GW	APD	PRICKLY PEAR
PPU FED 14-23D-12-15	23	120S	150E 4300731442	Federal	GW	APD	PRICKLY PEAR
PPU FED 12-23D-12-15	23	120S	150E 4300731443	Federal	GW .	APD	PRICKLY PEAR
PPU FED 11-34D-12-16	34	120S	160E 4300731465·	Federal	GW	APD	PETERS POINT
PPU FED 10-34D-12-16	34	120S	160E 4300731469	Federal	GW	APD	PETERS POINT
HORSE BENCH FED 4-27D-12-16	27	120S	160E 4300750092	Federal	GW	APD	
HORSE BENCH FED 5-27D-12-16	27	120S	160E 4300750093	Federal	GW	APD	
PRICKLY PEAR U FED 12-7D-12-15	07	120S	150E 4300750094	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 11-7D-12-15	07	120S	150E 4300750095	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 13-7D-12-15	07	120S	150E 4300750096	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR U FED 14-7D-12-15	07	120S	150E 4300750097	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-8D-12-15	08	120S	150E 4300750124	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-8D-12-15	08	120S	150E 4300750125	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-8D-12-15	08	120S	150E 4300750126	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-8D-12-15	08	120S	150E 4300750127	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-21D-12-15	21	120S	150E 4300750128	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-21D-12-15	21	120S	150E 4300750129	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-21D-12-15	21	120S	150E 4300750130	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-21D-12-15	21	120S	150E 4300750131	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-21D-12-15	21	120S	150E 4300750132	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15X-21D-12-15	21	120S	150E 4300750133	Federal	. GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-21D-12-15	21	120S	150E 4300750134	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-21D-12-15	21	120S	150E 4300750135	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-22D-12-15	21	120S	150E 4300750148	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-27D-12-15	22	120S	150E 4300750161	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-27D-12-15	22	120S	150E 4300750162	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-27D-12-15	22	120S	150E 4300750163	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-22D-12-15	22	120S	150E 4300750164	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-22D-12-15	22	120S	150E 4300750165	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-22D-12-15	22	120S	150E 4300750166	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-22D-12-15	22	120S	150E 4300750167	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-22D-12-15	22	120S	150E 4300750168	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-22D-12-15	22	120S	150E 4300750169	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-22D-12-15	22	120S	150E 4300750170	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 15X-36D-12-16	36	120S	160E 4300750178	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 15A-15D-12-15	15	120S	150E 4300750180	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11B-15D-12-15	15	120S	150E 4300750181	Federal	GW	APD	PRICKLY PEAR
PETERS POINT UF 10-1D-13-16	36	120S	160E 4300750182	Federal	GW	APD	PETERS POINT
PETERS POINT UF 9-1D-13-16	36	120S	160E 4300750183	Federal	GW	APD	PETERS POINT
PRICKLY PEAR UF 16A-15D-12-15	15	120S	150E 4300750184	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-18D-12-15	07	120S	150E 4300750185	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-18D-12-15	07	120S	150E 4300750186	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-7D-12-15	07	120S	150E 4300750187	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-18D-12-15	07	120S	150E 4300750188	Federal	GW	APD	PRICKLY PEAR

DDICKLY DDAR HE 10 A GD 10 15	07	1000	150E 4200750190	Endon-1	GW	V DL	PRICKLY PEAR
PRICKLY PEAR UF 12A-7D-12-15 PRICKLY PEAR UF 13A-7D-12-15	07 07	120S 120S	150E 4300750189 150E 4300750190	Federal Federal	GW GW	APD APD	PRICKLY PEAR
	07	120S	150E 4300750191	Federal	GW GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-7D-12-15			140E 4300750205	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR FEDERAL 1-12D-12-14	12 12	120S		Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-12D-12-14		120S	140E 4300750206				PRICKLY PEAR
PRICKLY PEAR UF 7-12D-12-14	12	120S	140E 4300750207	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-12D-12-14	12	120S	140E 4300750208	Federal	GW	APD	
PRICKLY PEAR UF 8-12D-12-14	12	120S	140E 4300750209	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-7D-12-15	12	120S	140E 4300750210	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-7D-12-15	12	120S	140E 4300750211	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-12D-12-14	12	120S	140E 4300750212	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-7D-12-15	12	120S	140E 4300750213	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-14D-12-15	14	120S	150E 4300750214	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-14D-12-15	14	120S	150E 4300750215	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-14D-12-15	14	120S	150E 4300750217	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-14D-12-15	14	120S	150E 4300750218	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-14D-12-15	14	120S	150E 4300750219	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-14D-12-15	14	120S	150E 4300750220	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-14D-12-15	14	120S	150E 4300750222	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-14D-12-15	14	120S	150E 4300750223	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-14D-12-15	14	120S	150E 4300750224	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1A-18D-12-15	07	120S	150E 4300750225	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2A-18D-12-15	07	120S	150E 4300750226	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-7D-12-15	07	120S	150E 4300750227	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-7D-12-15	07	120S	150E 4300750228	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-7D-12-15	07	120S	150E 4300750229	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-7D-12-15	07	120S	150E 4300750230	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-12D-12-14	12	120S	140E 4300750233	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-12D-12-14	12	120S	140E 4300750234	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-12D-12-14	12	120S	140E 4300750235	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-8D-12-15	08	120S	150E 4300750236	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-12D-12-14	12	120S	140E 4300750237	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-8D-12-15	08	120S	150E 4300750238	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-8D-12-15	08	120S	150E 4300750239	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-8D-12-15	08	120S	150E 4300750240	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-8D-12-15	08	120S	150E 4300750260	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-8D-12-15	08	120S	150E 4300750261	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-8D-12-15	08	120S	150E 4300750262	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-8D-12-15	08	120S	150E 4300750263	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-8D-12-15	08	120S	150E 4300750264	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-8D-12-15	08	120S	150E 4300750265	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-8D-12-15	08	120S	150E 4300750266	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-8D-12-15	08	120S	150E 4300750267	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-8D-12-15	08	120S	150E 4300750268	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-8D-12-15	08	120S	150E 4300750269	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-8D-12-15	08	120S	150E 4300750270	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-8D-12-15	08	120S	150E 4300750271	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-8D-12-15	08	120S	150E 4300750272	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-8D-12-15	08	120S	150E 4300750273	Federal	GW	APD	PRICKLY PEAR

PRICKLY PEAR UF 5-9D-12-15	09	120S	150E 4300750274	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-9D-12-15	09	120S	150E 4300750275	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-9D-12-15	09	120S	150E 4300750276	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-9D-12-15	09	120S	150E 4300750277	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-9D-12-15	09	120S	150E 4300750278	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-9D-12-15	09	120S	150E 4300750279	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-9D-12-15	09	120S	150E 4300750280	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-9D-12-15	09	120S	150E 4300750281	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-9D-12-15	09	120S	150E 4300750282	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR US 1X-16D-12-15	10	120S	150E 4300750283	State	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-15D-12-15	10	120S	150E 4300750284	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-15D-12-15	10	120S	150E 4300750285	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-15D-13-15	10	120S	150E 4300750286	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-10D-12-15	15	120S	150E 4300750287	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-10D-12-15	10	120S	150E 4300750288	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-10D-12-15	15	120S	150E 4300750289	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-10D-12-15	15	120S	150E 4300750290	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-10D-12-15	15	120S	150E 4300750291	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-10D-12-15	10	120S	150E 4300750292	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-10D-12-15	15	120S	150E 4300750293	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16-10D-12-15	15	120S	150E 4300750294	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13-11D-12-15	15	120S	150E 4300750295	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-11D-12-15	15	120S	150E 4300750296	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-11D-12-15	15	120S	150E 4300750297	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 13A-10D-12-15	10	120S	150E 4300750298	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-10D-12-15	10	120S	150E 4300750299	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11-10D-12-15	10	120S	150E 4300750300	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3A-15D-12-15	10	120S	150E 4300750301	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12-14D-12-15	14	120S	150E 4300750302	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-15D-12-15	10	120S	150E 4300750303	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4A-15D-12-15	10	120S	150E 4300750304	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14-10D-12-15	10	120S	150E 4300750305	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-17D-12-15	17	120S	150E 4300750306	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-17D-12-15	17	120S	150E 4300750307	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10A-17D-12-15	17	120S	150E 4300750308	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-7D-12-15	07	120S	150E 4300750309	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-17D-12-15	17	120S	150E 4300750310	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-7D-12-15	07	120S	150E 4300750311	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-17D-12-15	17	120S	150E 4300750312	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-7D-12-15	07	120S	150E 4300750313	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-7D-12-15	07	120S	150E 4300750314	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-7D-12-15	07	120S	150E 4300750315	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6X-17D-12-15	17	120S	150E 4300750316	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-17D-12-15	17	120S	150E 4300750317	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15B-17D-12-15	17	120S	150E 4300750318	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-20D-12-15	20	120S	150E 4300750319	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-7D-12-15	07	120S	150E 4300750320	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-20D-12-15	20	120S	150E 4300750321	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9A-20D-12-15	20	120S	150E 4300750322	Federal	GW	APD	PRICKLY PEAR
TEGERAL TERMS OF SILEON IN 10							

PRICKLY PEAR UF 10A-20D-12-15	20	120S	150E 4300750323	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 10-20D-12-15	20	120S	150E 4300750324	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-7D-12-15	07	120S	150E 4300750325	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 14A-20D-12-15	20	120S	150E 4300750326	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 16A-20D-12-15	20	120S	150E 4300750327	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15A-20D-12-15	20	120S	150E 4300750328	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-7D-12-15	07	120S	150E 4300750329	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 15-20D-12-15	20	120S	150E 4300750330	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-7D-12-15	07	120S	150E 4300750331	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6-10D-12-15	09	120S	150E 4300750332	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5A-10D-12-15	09	120S	150E 4300750333	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 11A-10D-12-15	09	120S	150E 4300750334	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 6A-10D-12-15	09	120S	150E 4300750335	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 5-10D-12-15	09	120S	150E 4300750336	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 12A-10D-12-15	09	120S	150E 4300750338	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 3-10D-12-15	09	120S	150E 4300750339	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 4-10D-12-15	09	120S	150E 4300750340	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8-9D-12-15	09	120S	150E 4300750341	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 8A-9D-12-15	09	120S	150E 4300750342	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7A-9D-12-15	09	120S	150E 4300750343	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 7-9D-12-15	09	120S	150E 4300750344	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-9D-12-15	09	120S	150E 4300750345	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 2-9D-12-15	09	120S	150E 4300750346	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 1-24D-12-1	24	120S	150E 4300750348	Federal	GW	APD	PRICKLY PEAR
PRICKLY PEAR UF 9-13D-12-15	13	120S	150E 4300750349	Federal	GW	APD	PRICKLY PEAR
HORSE BENCH FED 4-20D-12-17	19	120S	170E 4300750350	Federal	GW	APD	
Horse Bench Federal 16-18D-12-17	19	120S	170E 4300750351	Federal	GW	APD	
PPU FED 9-34D-12-16	34	120S	160E 4300731430	17225 Federal	GW	OPS	PETERS POINT
PPU FED 15-35D-12-16	35	120S	160E 4300731475	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 12A-6D-13-17	31	120S	170E 4300750034	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 11A-31D-12-17	31	120S	170E 4300750036	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR U FED 7-21D-12-15	21	120S	150E 4300750055	14794 Federal	GW	OPS	PRICKLY PEAR
PETERS POINT U FED 9-6D-13-17	06	130S	170E 4300750120	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 14-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT U FED 15-6D-13-17	06	130S	170E 4300750121	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 2-7D-13-17	06		170E 4300750149	2470 Federal	GW	OPS	PETERS POINT
PETERS POINT UF 1-7D-13-17	06	130S	170E 4300750150	2470 Federal	GW	OPS	PETERS POINT
PRICKLY PEAR US 1A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2A-16D-12-15	09	120S	150E 4300750192	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR US 2-16D-12-15	09	120S	150E 4300750194	14794 State	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 9A-9D-12-15	09	120S	150E 4300750194	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10-9D-12-15	09	120S	150E 4300750190	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 10A-9D-12-15	09	120S	150E 4300750197	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 14-9D-12-15	09	120S	150E 4300750199	14794 Federal	GW GW	OPS OPS	PRICKLY PEAR PRICKLY PEAR
PRICKLY PEAR UF 14A-9D-12-15	09	120S	150E 4300750200	14794 Federal	GW		
PRICKLY PEAR UF 15-9D-12-15	09	120S	150E 4300750201	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 15A-9D-12-15	09	120S	150E 4300750203	14794 Federal	GW	OPS	PRICKLY PEAR
PRICKLY PEAR UF 16A-9D-12-15	09	120S	150E 4300750204	14794 Federal	GW	OPS	PRICKLY PEAR
SHARPLES 1 GOVT PICKRELL	11	120S	150E 4300716045	7030 Federal	GW	P	

STONE CABIN UNIT 1	13	120S	140E 4300716542	12052 Federal	GW	P	
STONE CABIN FED 1-11	11	120S	140E 4300730014	6046 Federal	GW	P	
STONE CABIN FED 2-B-27	27	120S	150E 4300730018	14794 Federal	GW	P	PRICKLY PEAR
JACK CANYON 101-A	33	120S	160E 4300730049	2455 Federal	GW	P	
PETERS POINT ST 2-2-13-16	02	130S	160E 4300730521	14387 State	GW	P	
PRICKLY PEAR ST 16-15	16	120S	150E 4300730522	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 36-2	36	120S	160E 4300730761	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-3	36	120S	160E 4300730762	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 36-4	36	120S	160E 4300730763	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-25D-12-16	36	120S	160E 4300730764	2470 Federal	GW	P	PETERS POINT
HUNT RANCH 3-4	03	120S	150E 4300730775	13158 State	GW	Ρ.,	
PETERS POINT U FED 4-31D-12-17	36	120S	160E 4300730810	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-26D-12-16	36	120S	160E 4300730812	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR UNIT 13-4	13	120S	140E 4300730825	14353 Federal	GW	P	
PRICKLY PEAR UNIT 21-2	21	120S	150E 4300730828	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 6-7D-13-17	06	130S	170E 4300730859	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 4-2-13-16	02	130S	160E 4300730866	14386 State	GW	P	
PRICKLY PEAR U ST 13-16	16	120S	150E 4300730933	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 11-16	16	120S	150E 4300730944	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 7-16	16	120S	150E 4300730945	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-25	25	120S	150E 4300730954	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 16-35	35	120S	160E 4300730965	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-6-13-17	06	130S	170E 4300730982	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-6D-13-17	06	130S	170E 4300731004	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 16-31D-12-17	06	130S	170E 4300731005	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 5-13-12-14	13	120S	140E 4300731008	14897 Federal	GW	P	•
PETERS POINT U FED 12-31D-12-17	36	120S	160E 4300731009	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 2-36D-12-16	36	120S	160E 4300731010	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 9-36-12-16	36	120S	160E 4300731011	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U ST 36-06	36	120S	150E 4300731018	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 8-35D-12-16	36	120S	160E 4300731024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4-12D-13-16	02	130S	160E 4300731049	14692 Federal	GW	P	PETERS POINT
PETERS POINT ST 5-2D-13-16 DEEP	02	130S	160E 4300731056	15909 State	GW	P	
PRICKLY PEAR U FED 13-23-12-15	23	120S	150E 4300731073	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-27D-12-15	23	120S	150E 4300731074	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-26D-12-15	23	120S	150E 4300731075	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-22D-12-15	23	120S	150E 4300731076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-28D-12-15	21	120S	150E 4300731121	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 2-12D-13-16	06	130S	170E 4300731158	14692 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-21-12-15	21	120S	150E 4300731164	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-28D-12-15	21	120S	150E 4300731165	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-21D-12-15	21	120S	150E 4300731166	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 10-36D-12-16	36	120S	160E 4300731174	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-36D-12-16	36	120S	160E 4300731175	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 15-17-12-15	17	120S	150E 4300731183	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11-17D-12-15	17	120S	150E 4300731184	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-22D-12-15	22	120S	150E 4300731186	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-22-12-15	22	120S	150E 4300731187	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-22D-12-15	22	120S	150E 4300731188	14794 Federal	GW	P	PRICKLY PEAR

PRICKLY PEAR 11-15D-12-15	22	120S	150E 4300731189	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-18D-12-15	18	120S	150E 4300731192	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-18-12-15	18	120S	150E 4300731193	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-27D-12-15	27	120S	150E 4300731194	15569 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12-27D-12-15	27	120S	150E 4300731195	15568 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-27-12-15	27	120S	150E 4300731196	15570 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-20D-12-15	20	120S	150E 4300731197	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7-20-12-15	20	120S	150E 4300731198	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-20-12-15	20	120S	150E 4300731206	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 2-36-12-15	36	120S	150E 4300731226	15719 State	GW	P	
PRICKLY PEAR U ST 4-36-12-15	36	120S	150E 4300731227	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-27D-12-15	22	120S	150E 4300731237	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 13-22-12-15	22	120S	150E 4300731238	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-27D-12-15	22	120S	150E 4300731239	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 9-16-12-15	16	120S	150E 4300731240	14794 State	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-28D-12-15	28	120S	150E 4300731241	16028 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5-27D-12-15	28	120S	150E 4300731242	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-28-12-15	28	120S	150E 4300731243	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-28D-12-15	28	120S	150E 4300731244	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U ST 1-16-12-15	16	120S	150E 4300731245	14794 State	GW	P	PRICKLY PEAR
PPU FED 11-18D-12-15	18	120S	150E 4300731257	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-20D-12-15	20	120S	150E 4300731258	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-25D-12-15	25	120S	150E 4300731259	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-25D-12-15	25	120S	150E 4300731260	16068 Federal	GW	P	PRICKLY PEAR
PPU FED 15-6D-13-17	06	130S	170E 4300731261	16103 Federal	GW	P	PETERS POINT
PP UF 3-36-12-16	36	120S	160E 4300731271	2470 Federal	GW	P	PETERS POINT
PP UF 6-36-12-16	36	120S	160E 4300731272	2470 Federal	GW	P	PETERS POINT
PPU FED 6-35D-12-16	35	120S	160E 4300731275	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-16	26	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PPU FED 8-34-12-16	34	120S	160E 4300731277	2470 Federal	GW	P	PETERS POINT
PP ST 8-2D-13-16 (DEEP)	02	130S	160E 4300731280	16069 State	GW	P	121213131(1
PPU FED 6-34D-12-16	34	120S	160E 4300731281	2470 Federal	GW	P	PETERS POINT
PPU FED 14-26D-12-15	35	120S	150E 4300731282	16224 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35-12-15	35	120S	150E 4300731283	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-26D-12-15	35	120S	150E 4300731284	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-17-12-15	17	120S	150E 4300731287	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-17D-12-15	17	120S	150E 4300731288	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-17D-12-15	17	120S	150E 4300731289	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-1D-13-16 ULTRA DEEP	06	130S	170E 4300731293	14692 Federal	GW	P	PETERS POINT
PPU FED 1-18D-12-15	18	120S	150E 4300731294	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 7-18D-12-15	18	120S	150E 4300731295	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-17D-12-15	18	120S	150E 4300731296	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-17D-12-15	17	120S	150E 4300731307	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-17D-12-15	17	120S	150E 4300731309	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-17D-12-15	17	120S	150E 4300731310	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-18D-12-15	17	120S	150E 4300731311 150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-18D-12-15	18	120S	150E 4300731312	14794 Federal	GW	P	PRICKLY PEAR
11 O TED 0-10D-12-13	10	1203	1005 4000/01010	14/94 Peucial	O W	4	INICKLITEAN

PPU FED 3-18D-12-15	18	120S	150E 4300731314	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-18-12-15	18	120S	150E 4300731315	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5-18D-12-15	18	120S	150E 4300731316	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-18D-12-15	18	120S	150E 4300731317	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-27-12-16	27	120S	160E 4300731318	2470 Federal	GW	P	PETERS POINT
PPU FED 10-27D-12-16	27	120S	160E 4300731319	2470 Federal	GW	P	PETERS POINT
PPU FED 2-34D-12-16	34	120S	160E 4300731320	2470 Federal	GW	P	PETERS POINT
PPU FED 16-17D-12-15	17	120S	150E 4300731321	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 15-16D-12-15	16	120S	150E 4300731322	14794 State	GW	P	PRICKLY PEAR
PPU ST 16-16D-12-15	16	120S	150E 4300731323	14794 State	GW	P	PRICKLY PEAR
PPU ST 14-16D-12-15	16	120S	150E 4300731324	14794 State	GW	P	PRICKLY PEAR
PPU FED 2-7D-13-17 DEEP	06	130S	170E 4300731326	14692 Federal	GW	P	PETERS POINT
PPU FED 3-21D-12-15	21	120S	150E 4300731328	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-21D-12-15	21	120S	150E 4300731329	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-35D-12-16	35	120S	160E 4300731345	2470 Federal	GW	P	PETERS POINT
PPU FED 7-35D-12-16	35	120S	160E 4300731346	2470 Federal	GW	P	PETERS POINT
PPU FED 4-35D-12-16	35	120S	160E 4300731347	2470 Federal	GW	P	PETERS POINT
PPU FED 7-36D-12-16	36	120S	160E 4300731348	2470 Federal	GW	P	PETERS POINT
PPU FED 11-36D-12-16	36	120S	160E 4300731349	2470 Federal	GW	P	PETERS POINT
PPU FED 15-25D-12-16	36	120S	160E 4300731351	2470 Federal	GW	P	PETERS POINT
PPU FED 13-25D-12-16	36	120S	160E 4300731352	2470 Federal	GW	P	PETERS POINT
PPU FED 4-36D-12-16	36	120S	160E 4300731353	2470 Federal	GW	P	PETERS POINT
PPU FED 13-15D-12-15	22	120S	150E 4300731358	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-15D-12-15	22	120S	150E 4300731359	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4-22D-12-15	22	120S	150E 4300731360	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 6-22D-12-15	22	120S	150E 4300731361	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-28D-12-15	28	120S	150E 4300731362	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16X-21D-12-15	28	120S	150E 4300731363	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 5A-27D-12-15	28	120S	150E 4300731364	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1-35D-12-16	35	120S	160E 4300731365	2470 Federal	GW	P	PETERS POINT
PPU FED 1A-28D-12-15	28	120S	150E 4300731368	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14A-18D-12-15	18	120S	150E 4300731393	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-18D-12-15	18	120S	150E 4300731394	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15A-18D-12-15	18	120S	150E 4300731395	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16A-18D-12-15	18	120S	150E 4300731396	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-22D-12-15	22	120S	150E 4300731398	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 11-22D-12-15	22	120S	150E 4300731399	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 14-22D-12-15	22	120S	150E 4300731400	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 4A-27D-12-15	22	120S	150E 4300731401	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 13-26D-12-16	26	120S	160E 4300731403	2470 Federal	GW	P	PETERS POINT
PPU FED 15-26D-12-16	26	120S	160E 4300731404	2470 Federal	GW	P	PETERS POINT
PPU FED 3-35D-12-16	26	120S	160E 4300731405	2470 Federal	GW	P	PETERS POINT
PPU FED 10-26D-12-16	26	120S	160E 4300731406	2470 Federal	GW	P	PETERS POINT
PPU FED 11-26D-12-16	26	120S	160E 4300731407	2470 Federal	GW	P	PETERS POINT
PPU FED 12-26D-12-16	26	120S	160E 4300731408	2470 Federal	GW	P	PETERS POINT
PPU FED 11-27D-12-16	27	120S	160E 4300731409	2470 Federal	GW	P	PETERS POINT
PPU FED 15-27D-12-16	27	120S	160E 4300731410	2470 Federal	GW	P	PETERS POINT
PPU FED 9-27D-12-16	27	120S	160E 4300731411	2470 Federal	GW	P	PETERS POINT
PPU FED 11-21D-12-15	21	120S	150E 4300731412	14794 Federal	GW	P	PRICKLY PEAR

PPU FED 6-21D-12-15	21	120S	150E 4300731413	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 12-21D-12-15	21	120S	150E 4300731414	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 8-20D-12-15	20	120S	150E 4300731419	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 1A-20D-12-15	20	120S	150E 4300731420	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 2-20D-12-15	20	120S	150E 4300731421	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 7A-16D-12-15	16	120S	150E 4300731422	14794 State	GW	P	PRICKLY PEAR
PPU ST 6-16D-12-15	16	120S	150E 4300731423	14794 State	GW	P	PRICKLY PEAR
PPU ST 10A-16D-12-15	16	120S	150E 4300731424	14794 State	GW	P	PRICKLY PEAR
PPU ST 3-16D-12-15	16	120S	150E 4300731425	14794 State	GW	P	PRICKLY PEAR
PPU FED 1-34D-12-16	34	120S	160E 4300731427	2470 Federal	GW	P	PETERS POINT
PPU FED 7-34D-12-16	34	120S	160E 4300731428	2470 Federal	GW	P	PETERS POINT
PPU FED 5-35D-12-16	34	120S	160E 4300731429	2470 Federal	GW	P	PETERS POINT
PPU FED 5-21D-12-15	21	120S	150E 4300731451	14794 Federal	GW	P	PRICKLY PEAR
PPU ST 8-16D-12-15	16	120S	150E 4300731455	14794 State	GW	P	PRICKLY PEAR
PPU ST 12-16D-12-15	16	120S	150E 4300731456	14794 State	GW	P	PRICKLY PEAR
PPU ST 12A-16D-12-15	16	120S	150E 4300731457	14794 State	GW	P	PRICKLY PEAR
PPU ST 15A-16D-12-15	16	120S	150E 4300731458	14794 State	GW	P	PRICKLY PEAR
PPU ST 10-16D-12-15	16	120S	150E 4300731459	14794 State	GW	P	PRICKLY PEAR
PPU ST 11A-16D-12-15	16	120S	150E 4300731460	14794 State	GW	P	PRICKLY PEAR
PPU ST 13A-16D-12-15	16	120S	150E 4300731461	14794 State	GW	P	PRICKLY PEAR
PPU FED 3-34D-12-16	34	120S	160E 4300731466	2470 Federal	GW	P	PETERS POINT
PPU FED 5-34D-12-16	34	120S	160E 4300731467	2470 Federal	GW	P	PETERS POINT
PPU FED 4-34D-12-16	34	120S	160E 4300731468	2470 Federal	GW	P	PETERS POINT
PPU FED 10-7D-12-15	07	120S	150E 4300731470	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 15-7D-12-15	07	120S	150E 4300731471	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 9-7D-12-15	07	120S	150E 4300731472	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 16-7D-12-15	07	120S	150E 4300731473	14794 Federal	GW	P	PRICKLY PEAR
PPU FED 10-35D-12-16	35	120S	160E 4300731474	2470 Federal	GW	P	PETERS POINT
PPU FED 9-35D-12-16	35	120S	160E 4300731476	2470 Federal	GW	P	PETERS POINT
PPU ST 6A-16D-12-15	16	120S	150E 4300731477	14794 State	GW	P	PRICKLY PEAR
PPU ST 4-16D-12-15	16	120S	150E 4300731478	14794 State	GW	P	PRICKLY PEAR
PPU ST 4A-16D-12-15	16	120S	150E 4300731479	14794 State	GW	P	PRICKLY PEAR
PPU ST 5A-16D-12-15	16	120S	150E 4300731480	14794 State	GW	P	PRICKLY PEAR
PPU ST 3A-16D-12-15	16	120S	150E 4300731481	14794 State	GW	P	PRICKLY PEAR
PPU ST 16A-16D-12-15	16	120S	150E 4300731484	14794 State	GW	P	PRICKLY PEAR
PPU ST 9A-16D-12-15	16	120S	150E 4300731485	14794 State	GW	P	PRICKLY PEAR
PPU ST 16B-16D-12-15	16	120S	150E 4300731514	14794 State	GW	P	PRICKLY PEAR
PPU ST 14B-16D-12-15	16	120S	150E 4300731515	14794 State	GW	P	PRICKLY PEAR
PPU ST 13B-16D-12-15	16	120S	150E 4300731516	14794 State	GW	P	PRICKLY PEAR
PETERS POINT U FED 9-26D-12-16	25	120S	160E 4300750021	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-25D-12-16	25	120S	160E 4300750022	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 10-31D-12-17	31	120S	170E 4300750023	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-31D-12-17	31	120S	170E 4300750024	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-31D-12-17	31	120S	170E 4300750025	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-31D-12-17	31	120S	170E 4300750026	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-31D-12-17	31	120S	170E 4300750027	2470 Federal	ĠW	P	PETERS POINT
PETERS POINT U FED 14A-31D-12-17	31	120S	170E 4300750028	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-25D-12-16	25	120S	160E 4300750029	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-6D-13-17	31	120S	170E 4300750033	2470 Federal	GW	P	PETERS POINT

PETERS POINT U FED 10-25D-12-16	25	120S	160E 4300750035	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-36D-12-16	36	120S	160E 4300750037	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 15-36D-12-16	36	120S	160E 4300750038	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 11-1D-13-16	36	120S	160E 4300750039	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-1D-13-16	36	120S	160E 4300750040	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 9-22D-12-15	22	120S	150E 4300750041	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-22D-12-15	22	120S	150E 4300750042	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-22D-12-15	22	120S	150E 4300750043	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-27D-12-15	22	120S	150E 4300750044	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-15D-12-15	15	120S	150E 4300750045	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-15D-12-15	15	120S	150E 4300750046	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-15D-12-15	15	120S	150E 4300750047	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 9-15D-12-15	15	120S	150E 4300750048	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 11A-15D-12-15	15	120S	150E 4300750049	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1-21D-12-15	21	120S	150E 4300750050	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-21D-12-15	21	120S	150E 4300750051	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2A-21D-12-15	21	120S	150E 4300750052	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-22D-12-15	21	120S	150E 4300750053	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-22D-12-15	21	120S	150E 4300750054	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-21D-12-15	21	120S	150E 4300750056	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-21D-12-15	21	120S	150E 4300750057	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8A-21D-12-15	21	120S	150E 4300750058	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-8D-12-15	08	120S	150E 4300750059	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-8D-12-15	08	120S	150E 4300750060	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-17D-12-15	08	120S	150E 4300750061	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 1A-17D-12-15	08	120S	150E 4300750062	14794 Federal	GW	P	PRICKLY PEAR
PETERS POINT U FED 3A-34D-12-16	27	120S	160E 4300750063	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 4A-34D-12-16	27	120S	160E 4300750064	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 12-27D-12-16	27	120S	160E 4300750065	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13-27D-12-16	27	120S	160E 4300750066	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 13A-27D-12-16	27	120S	160E 4300750067	2470 Federal	GW	P	PETERS POINT
PETERS POINT U FED 14-27D-12-16	27	120S	160E 4300750068	18204 Federal	GW	P	
PETERS POINT U FED 14A-27D-12-16	27	120S	160E 4300750069	2470 Federal	GW	P	PETERS POINT
PRICKLY PEAR U FED 1-22D-12-15	22	120S	150E 4300750076	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 2-22D-12-15	22	120S	150E 4300750077	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 8-22D-12-15	22	120S	150E 4300750078	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3-17D-12-15	17	120S	150E 4300750079	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 3A-17D-12-15	17	120S	150E 4300750080	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4-17D-12-15	17	120S	150E 4300750081	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 4A-17D-12-15	17	120S	150E 4300750082	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 5A-17D-12-15	17	120S	150E 4300750083	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR Ú FED 6-17D-12-15	17	120S	150E 4300750084	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 6A-17D-12-15	17	120S	150E 4300750085	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 7A-17D-12-15	17	120S	150E 4300750086	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 12A-17D-12-15	17	120S	150E 4300750087	14794 Federal	GW	Ρ.,	PRICKLY PEAR
PRICKLY PEAR U FED 9-12D-12-14	12	120S	140E 4300750088	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 10-12D-12-14	12	120S	140E 4300750089	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 15-12D-12-14	12	120S	140E 4300750090	14794 Federal	GW	P	PRICKLY PEAR
PRICKLY PEAR U FED 16-12D-12-14	12	120S	140E 4300750091	14794 Federal	GW	P	PRICKLY PEAR

	PRICKLY PEAR U FED 3-20D-12-15	20	120S	150E 4300750098	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 3A-20D-12-15	20	120S	150E 4300750099	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 4-20D-12-15	20	120S	150E 4300750100	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 4A-20D-12-15	20	120S	150E 4300750101	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 5-20D-12-15	20	120S	150E 4300750102	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 6-20D-12-15	20	120S	150E 4300750104	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 6A-20D-12-15	20	120S	150E 4300750105	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 11A-20D-12-15	20	120S	150E 4300750106	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR U FED 12A-20D-12-15	20	120S	150E 4300750107	14794 Federal	GW	P	PRICKLY PEAR
	PETERS POINT U FED 5-31D-12-17	36	120S	160E 4300750109	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 6-31D-12-17	36	120S	160E 4300750116	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 9X-36D-12-16	36	120S	160E 4300750117	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 1-36D-12-16	36	120S	160E 4300750118	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 10-6D-13-17	06	130S	170E 4300750119	2470 Federal	GW	P	PETERS POINT
	PETERS POINT U FED 15-31D-12-17	06	130S	170E 4300750123	2470 Federal	GW	P	PETERS POINT
	PRICKLY PEAR UF 7A-18D-12-15	17	120S	150E 4300750136	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8A-18D-12-15	17	120S	150E 4300750137	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9A-18D-12-15	17	120S	150E 4300750138	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 12-20D-12-15	20	120S	150E 4300750139	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 16A-8D-12-15	08	120S	150E 4300750140	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 15A-8D-12-15	08	120S	150E 4300750141	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 13A-9D-12-15	08	120S	150E 4300750142	14794 Federal	GW	P	PRICKLY PEAR
•	PRICKLY PEAR UF 13-9D-12-15	08	120S	150E 4300750143	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 12-9D-12-15	08	120S	150E 4300750144	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 10-8D-12-15	08	120S	150E 4300750145	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9-8D-12-15	08	120S	150E 4300750146	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 2A-17D-12-15	08	120S	150E 4300750147	14794 Federal	GW	P	PRICKLY PEAR
	PETERS POINT UF 12-5D-13-17	06	130S	170E 4300750151	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 13-5D-13-17	06	130S	170E 4300750152	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 13-30D-12-17	30	120S	170E 4300750153	18347 Federal	GW	P	PETERS POINT
	PETERS POINT UF 14-30D-12-17	30	120S	170E 4300750154	18350 Federal	GW	P	PETERS POINT
	PETERS POINT UF 12-30D-12-17	30	120S	170E 4300750155	18346 Federal	GW	P	PETERS POINT
	PETERS POINT UF 11-30D-12-17	30	120S	170E 4300750156	18348 Federal	GW	P	PETERS POINT
	PETERS POINT UF 3-31D-12-17	30	120S	170E 4300750157	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 2-31D-12-17	30	120S	170E 4300750158	18349 Federal	GW	P	PETERS POINT
	PETERS POINT UF 16-25D-12-16	30	120S	170E 4300750159	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 9-25D-12-16	30	120S	170E 4300750160	2470 Federal	GW	P	PETERS POINT
	PRICKLY PEAR UF 1A-22D-12-15	22	120S	150E 4300750171	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 6A-22D-12-15	22	120S	150E 4300750173	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 7A-22D-12-15	22	120S	150E 4300750174	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8A-22D-12-15	22	120S	150E 4300750175	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 14B-15D-12-15	22	120S	150E 4300750176	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 9-9D-12-15	09	120S	150E 4300750195	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 16-9D-12-15	09	120S	150E 4300750202	14794 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 8-14D-12-15	14	120S	150E 4300750216	18289 Federal	GW	P	PRICKLY PEAR
	PRICKLY PEAR UF 15-14D-12-15	14	120S	150E 4300750221	18290 Federal	GW	P	PRICKLY PEAR
	PETERS POINT UF 7X-36D-12-16	36	120S	160E 4300750231	2470 Federal	GW	P	PETERS POINT
	PETERS POINT UF 8-36D-12-16	36	120S	160E 4300750232	2470 Federal	GW	P	PETERS POINT
	PETERS POINT ST 6-2D-13-16	02	130S	160E 4300731017	14472 State	D	PA	

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PTS 33-36 STATE	36	110S	140E 4301330486	6190 State	GW	PA	ARGYLE
PRICKLY PEAR U FED 10-4	10	120S	140E 4300730823	14462 Federal	GW	S	
PRICKLY PEAR U FASSELIN 5-19-12-15	19	120S	150E 4300730860	14853 Fee	GW	S	
PRICKLY PEAR U ST 5-16	16	120S	150E 4300730943	14794 State	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 7-33D-12-15	33	120S	150E 4300730985	14771 Federal	GW	S	
PETERS POINT ST 8-2D-13-16	02	130S	160E 4300731016	14471 State	GW	S	
PPU FED 4-35D-12-15	35	120S	150E 4300731285	16223 Federal	GW	S	PRICKLY PEAR
PPU FED 5-36D-12-16	36	120S	160E 4300731350	2470 Federal	GW	S	PETERS POINT
PRICKLY PEAR U FED 5A-20D-12-15	20	120S	150E 4300750103	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR U FED 13A-17D-12-15	20	120S	150E 4300750108	14794 Federal	GW	S	PRICKLY PEAR
PRICKLY PEAR UF 2A-22D-12-15	22	120S	150E 4300750172	14794 Federal	GW	S	PRICKLY PEAR